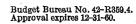
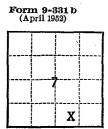
UTAH OIL AND GAS CONSERVATION COMMISSION REMARKS: 6-10-57 Nav-14-20-DATE FILED 603-368 STATE LEASE NO. PUBLIC LEASE NO. INDIAN LAND: FEE & PATENTED 6-10-57 DRILLING APPROVED: 6-12.57 SPUDDED IN: COMPLETED: INITIAL PRODUCTION: 624 GRAVITY A. P. I. 38.4 Gd Brds 301/2 1841-6006 PRODUCING ZONES: TOTAL DEPTH: 5060 KB **WELL ELEVATION:** DATE ABANDONED: Ratherford A FIELD OR DISTRICT: San Juan COUNTY: (Ratherford 7-34) API-43-039-15989 NAVAJO B -/5)34-7 WELL NO. 2003 FT. FROM (E) (E) LINE. SWZ SEZ QUARTER - QUARTER SEC. LOCATION: FT. FROM (M) (S) LINE, TWP. RGE. SEC. OPERATOR OPERATOR WHILLIPS

· · · · · · · · · · · · · · · · · · ·	GEOLOGIC TOPS:		Sparse and the second supplies the second se
QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Ka i bab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutier	Redwall
Lake beds	Upper	Hoskinnini	DEVONIAN
TERTIARY	Middle	DeChelly 2960'	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock 3108'	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City ·	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eod	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Vinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash .	Dquirrh	Eureka quartzite
Upper	San Rafeal Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa 485/	Lynch
Wasatch ·	Curtis	Upper	Bowman
Colton	Entrade	Lower .	Tapeats
Flagstaff	Moab tongue .	Molas	Ophir
Almy	Carmel	Paradox Shale 5828	Tintic
Paleocene	Glen Canyon Gr.	Α	PRE-CAMBRIAN
Current Creek	Navajo	В	Upper Bdx. Butto 5682.
North Horn	Kayento	С	10 Wer " 5835'
CRETACEOUS	Wingate	Manning Canyon	3058 " " " 6014" TOTAD
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle	Chainman shale .	
Price River	Shinarump 1/55'	Humbug	
Blackhawk	Moenkapi	Joana limestone	<u> </u>
	ACO VISIOLE COSE	WRGHIA #76846-8	The state of the s

Scout Repor		9 ₩ /		
Noted in the	e NID File			
Location ma	p pinned			
Approvel or	Disapproval Letter	P		
Date Comple operations s	eted, P. & A. or Y-2-5	7		
Pin changed	on location map			
Affidavit and	d Record of A & P			
Water Shut-	Off Test			
Gas-Oil Rat	io Test			
Well Log Fi				
	게임 경우 (하는 보기하는 하는			
	FILE NOTATIONS			
	Entered in NID File	Checke	ed by Chief .	
	Entered On S R Sheet	Copy I	NID to Field Office .	
	Location Map Pinned	Approx	ral Leiter .	
	Card Indexed	Disapp.	roval Lellor	
	IWR for State or Fee Land			
	COMPLETION DATA:	-6-11		
	Date Well Completed 8 72 OW WW TA	**************************************	ng inspirated	
	GWOS PA		diagnol Na pi Fee Land	
		LOGS FILED		
	Driller's Log 6-23-5	9		
	Bectrie Logs (No.) 4			
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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Indian Agency									
Window Rock									
AllotteeNavajo									
Lease No. 14-20-603-368									

SUNDRY NOTICES A	ID REPORTS C	ON WELLS
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WA	TER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT REPORT OF SHO	OOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT REPORT OF ALT	ERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REL	RILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABA	NDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTO	PRY
NOTICE OF INTENTION TO ABANDON WELL		
(INDICATE ABOVE BY CHECK MAR	TURE OF REPORT, NOTICE, OR OT	HER DATA)
		JUNE 7 , 1957
Well No. Navajo B-5 is located 710 ft. fr SW/4 SE/4 Sec. 7 41S (14 Sec. and Sec. No.) (Twp.)		
No. Desert Creek San Jus		Utah
(Field) (Count	Bubdivision)	(State or Territory)
(State names of and expected depths to objective sands; shows	r important proposed work)	
Will set approx. 900' of 10-3/4" sur		•
Will set 7" 20# - 23# J-55 casing th	ugh any c emmerical	production encountered
· · · · · · · · · · · · · · · · · · ·		Ç.
I understand that this plan of work must receive approval is	iting by the Geological Survey b	efore operations may be commenced.
Company The Superior Oil Compan	·	
Address P. O. Box 200		
Casper, Wyoming	By Les	uge & Mugent
	TitleEr	ngineer

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The Superior 011 Company P. O. Box 200 Casper, Wyoming

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo B-5, which is to be located 710 feet from the south line and 2003 feet from the east line of Section 7, Township 41 South, Range 24 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT SECRETARY

CBF: on

oc: Phil McGrath/ Jerry Long U.S.G.S. Farmington, New Mexico ×



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

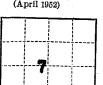
Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

Lease No.

idian Ag	ency
Wir	dow Rock
llottee _	Mavajo
	14 BO CAO 946



SONDKI NOTICE.	S AND REF	OKIS ON WELL.	∂
NOTICE OF INTENTION TO DRILL	SUBSEQUENT	REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS.	SUBSEQUENT	REPORT OF SHOOTING OR ACIDIZING	3
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.	SUBSEQUENT	REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT	REPORT OF REDRILLING OR REPAIR.	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT	REPORT OF ABANDONMENT.	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENT	ARY WELL HISTORY	308
NOTICE OF INTENTION TO ABANDON WELL			
(INDICATE ABOVE BY CHECK	MARK NATURE OF REPOR	r, notice, or other data)	
		August 8	, 19 <u>_</u> 5 7
ell No. Navajo B-5 is located 710 ft	24E	SLBON	of sec
(½ Sec. and Sec. No.) (Twp.)	(Range)	(Meridian)	
North Besert Creek 9 (Field) (C	county or Subdivision)	Utah	
ate names of and expected depths to objective sands; sh ing points, an			
SPUD: June 12, 1957. Com. 10-	3/4" casing at	951' w/450 sax.	
TOTAL DEPTH: 6067'. Cem. 7" c PERFORATED: 5841' to 5850', 5 5952' to 5973' & INITIAL FLOW TEST Flowed 256.29 bbls. in 9 hrs. t Grav. 38.7', cut 7.1% B.S. & 1.	866' to 5893', 5988' to 6006' hru 24/64" chk	5899° to 5903°, 5914 W/6 jets per foot.	
COMPLETED: August 2, 1957			
l understand that this plan of work must receive appro		logical Survey before operations may	be commenced.
mpany The Superior Oil Comp	any	·	
dress P. O. Box 200			
Casper, Wyoming			
**************************************		By WAFrase	·



(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

Indian Ag	ency .			
Win	برول	Ro	sk	
Allottee _	N	BYA,	jo	
			400	- 4

7/10/01 (0/1H 0.22-6)

SUNDRY NOTICES AND REPORTS ON WELLS

		Assessed to the second
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS		
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.		SUPPLEMENTARY WELL HISTORY.
NOTICE OF INTENTION TO ABANDON WELL		~~~~~
	- 1	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		***************************************	At	guet 8,	, 19 .57
Well No. Maya 3e 3-5 is locat	ed 710 ft. f	$rom \begin{cases} S \\ S \end{cases}$ line	and 2005 ft.	from line of	sec 7
3W/4 5E/4 5ec 7 (¼ Sec. and Sec. No.)	418	248	SLEWN		
(1/4 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridia	n)	
Morth Desert Creek	San Jua	43		Utah	
(Field)	(Count	y or Subdivision)		(State or Territory)	
ically but	ahines .			,,	
hally but the elevation of the district	above sea l	evel is 5060	ft.		-
	DEM:	TT C OF 332	`D		

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

7" WSO Tost /1

Perforated 5840' to 5841' & \$005' to 6006' w/4 jets per. foot. Open 1 hr., 5.I. 30 min. Henovered 40' alightly oil out salt water. BMFP 0#-0#, SIP 50#, Hyd. 2460#.

Company	The Superior 011 (Company		. ^ ^ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
Address	P. O. Best 200				
	Casper, Wroning		Ву	WHEraser	
ه جرب به در به	***************************************		Title	District Engineer	

X



(SUBMIT IN TRIPLICATE)

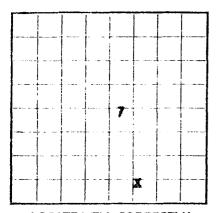
UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Indian Agency
Window Rock
Allottee Navajo
Lease No. 14-20-603-368

NOTICE OF INTENTION TO DRILL	st	UBSEQUENT REPORT	OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	5 St	JBSEQUENT REPORT	OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER S	HUT-OFF	JBSEQUENT REPORT	OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR R	EPAIR WELL SI	UBSEQUENT REPORT	OF REDRILLING OR REPAIR	
IOTICE OF INTENTION TO SHOOT OR ACII	DIZESI	JBSEQUENT REPORT	OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER	R CASING SI	JPPLEMENTARY WEL	L HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	L			
(INDICATE AB	OVE BY CHECK MARK NATURE	OF REPORT, NOTICE	, OR OTHER DATA)	
			August 8,	, 19 .57
ell No. 3676 jo B-5 is located	d 720 ft. from S	line and 200	ft. from F line of	f sec
1/4 SE./4 Sec 7	ध्येष शह	SLRW	(Meridian)	*.
orth Dogert Grook	(Twp.) (Range	ע	Anne B	
(Field)	(County or Subdi	wision)	(State or Territory	3
		nts, and lengths of poortant proposed we		
'erforations: 5841' to 5952' to e1d Job #1	ective sands; show sizes, weighting points, and all other imposes 5850°, 5866° to 5973° & 5986° to	nts, and lengths of proposed we 58931, 589	9' to 5903', 5914	
9952' to <u>114 Job #1</u> lashed perfo. v/1000 ga	ective sands; show sizes, weighting points, and all other imposes to 5850°, 5866° to 5973° & 5966° to	nts, and lengths of proceed we see \$893', \$89' of \$606'.	9' to 5903', 5914	
rerferations: 5841' to 5952' to aid Job #1 ached poets, w/1000 ga	ective sands; show sizes, weighting points, and all other imposes to 5850°, 5866° to 5973° & 5966° to	nts, and lengths of proceed we see \$893', \$89' of \$606'.	9' to 5903', 5914 2500#/1000#.	
rerforations: 5841' to 5952' to aid job #1 lashed peers, w/1000 ga lawed 536.34 bbls. in aid retrafrac job #1	sctive sands; show sizes, weighting points, and all other imposed to 5850°, 5866° to 5973° & 5986° to 18. mad acid. Ma 222 hre. thru 21°	5893', 589's 6006'.	9' to 5903', 5914 2500#/1000#. press. 500#/PKR.	
Perforations: 5841' to 5952' to aid <u>Job #1</u> lashed perfs, w/1000 ga lasted 536.34 bbls. in aid Petrofras Job #1	sctive sands; show sizes, weighting points, and all other imposed to 5850°, 5866° to 5973° & 5966° to 18. mud acid. Market 22° hre. thru 21° otrofres & 80006°	5893', 589 5606'. Lz. press.	9' to 5903', 5914 2500#/1000#. press. 500#/PKR.	' to 5929'
erforations: 5841' to 5952' to gid job #1 ashed porfs. w/1000 ga lowed 536.34 bbls. in gid Patrafrao Job #1 umped 8000 gals sold po ax. press. 5500#/2000#	sctive sands; show sizes, weighting points, and all other imposed to 5850°, 5866° to 5973° & 5966° to 18. mud acid. Market 22° hre. thru 21° otrofres & 80006°	5893', 589 5893', 589 5606'. Lz. press. 1/64" chk.,	9' to 5903', 5914 2500#/1000#. press. 500#/PKR.	' to 5929'
erforations: 5641' to 5952' to gid job #1 ashed poerfo. w/1000 ga lowed 536.34 bbls. in cid Patrafrao Job #1 amped 8000 gals sold po am. press. 5500#/2000#	setive sands; show sizes, weighting points, and all other impoints, and all other imposes to 5973' & 5966' to 5973' & 5966' to 222 hre. thru 21' otrofree & 8000', Subbed 102.44	5893', 589 5893', 589 5606'. Lz. press. 1/64" chk.,	9' to 5903', 5914 2500#/1000#. press. 500#/PKR.	' to 5929'
erforetione: 5841' to 5952' to aid job #1 ashed poefs, w/1000 ga loved 536.34 bbls, in aid Petrofras Job #1 ruped 8000 gals sold poers, press, 5500#/2000#	setive sands; show sizes, weighting points, and all other impoints, and all other imposes to 5973' & 5966' to 5973' & 5966' to 222 hre. thru 21' otrofree & 8000', Subbed 102.44	5893', 589 5893', 589 5606'. Lz. press. 1/64" chk.,	9' to 5903', 5914 2500#/1000#. press. 500#/PKR.	' to 5929'
erforations: 5841' to 5952' to end job #1 ashed ports. w/1000 gallowed 536.34 bbls. in and Petrofras Job #1 amped 5000 gallo sold prax. press. 5500#/2000#.bls. in 4 hrs. thru 24	sctive sands; show sizes, weighting points, and all other impoints, and all other imposes to 5850°, 5866° to 5973° a 5966° to 18. mad acid. Ma 22g hre. thru 21° strofree & 8000°, Suchbed 102.46°, press	5893', 589's 6006'. Lz. press. 1/64" chk., send into 1 bble. load.	9' to 5903', 5914 2500#/1000#. press. 500#/PKR. formation. A oil in 13g hre.	' to 5929'
referetions: 5841' to 5952' to sid job #1 hashed peers. w/1000 gallands 536.34 bbls. in sid Petrofras Job #1 happed 5000 gals seid prince, press. 5500#/2000#, bls. in 4 hrs. thru 24 happed 5000 gals seid prince, press. 5500#/2000#, bls. in 4 hrs. thru 24 happed 5000 gals seid prince of the contract of	setive sands; show sizes, weighting points, and all other imposed in \$850°, \$866° to \$973° & \$986° to \$986°	5893', 589's 6006'. Lz. press. 1/64" chk., send into 1 bble. load.	9' to 5903', 5914 2500#/1000#. press. 500#/PKR. formation. A oil in 13g hre.	' to 5929'
erforations: 5641' to 5952' to 1006 fl ashed perfs. w/1000 gallowed 536,34 bbls. in 1006 fl ashed perfs. 5500#/2000# bls. in 4 hre. thru 24 understand that this plan of work must be seen as 1006 fl ashed bls. in 4 hre. thru 24 understand that this plan of work must be seen as 1006 fl ashed bls. in 4 hre. thru 24 understand that this plan of work must be seen as 1006 fl ashed bls. in 4 hre. thru 24 understand that this plan of work must be seen as 1006 fl ashed bls.	setive sands; show sizes, weighting points, and all other imposed in \$850°, \$866° to \$973° & \$986° to \$986°	5893', 589's 6006'. Lz. press. 1/64" chk., send into 1 bble. load.	9' to 5903', 5914 2500#/1000#. press. 500#/PKR. formation. A oil in 13g hre.	' to 5929'
restorations: 5041' to 5952' to sid job flacked poets, w/1000 gallaced 536.34 bbls. in add Petrofras job flack, proce. 5500#/2000# bls. in 4 hre. thru 24 understand that this plan of work must mpany. The Superior Of	sctive sands; show sizes, weighting points, and all other impoints, and all other imposed in the same series at receive approval in writing it receive approval in writing it. Company	sts, and lengths of portant proposed we see the second into th	9' to 5903', 5914 2500#/1000#. press. 500#/PKR. formation. 4 eil in 13g hre.	Plowed 1

roudge : Jureau No. 42-1855.4. Approval expires 12-31-60

Form 9-330



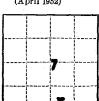
UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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Size casing	Where set		er sacks of cen	nent 50		od used	Mud gravit	y Am	ount of mu	d used
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				i i propositi pr				5914 5952	5929 5973	Park New
							₩ B -VAEX		5963	
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			1 i							
Size	Weight	Threads per	Make	Amount	Kine	d of shoe .	Cut and pulled fr	om Perfors	ted	Purpose
				CA	SING	RECOR	D			
No. 2,	from		to			No. 4,	from	to		
Vo. 1,	from		. to			No. 3,	from	to		
						VATER				
•								to		
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Jo 1	from	***	to			gas by G). No. 4	from	to		÷
			OII				R ZONES			
Comme	enced drill	ing	- Jame - 12	.	1957	Finishe	ed drilling	Angu	st 2	, 19 57
					tion of	the well	at above dat			
Date .			8 19 57				Title	Distric	t Engis	eer
o far a	as can be o	determined f	rom all av	anable r	ecords. Signed			WHF	lars	
Tł	ie informa	tion given h	erewith is	a comp	lete an	d correct		e well and all		
								Sec. 7		
			-					County		
essor	or Tract	· • · · · · · · · · · · · · · · · · · ·	Neve-to-	B!		Field	No. Desert	GreekState	Uta	h
								Box 200, C	-	-

Adapters -	Material		Size			
		The state of the s	OOTING R			,
Size	Shell used	Explosive tracd	Quantity			Depth deaned out
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Rotary tool	s were used fro		t to		and from	feet tofort
Cable tools	were used from	feet	6067 Lto	feet.	and from	feet to
			DATES	i		
		, 19	Pu	t to prod	ucing	ugust 2 57
The pr	oduction for th	e first 24 hours was	682.85	barrels of	fluid of which	ugust 2 57 91.4
_	• •	id 7.1% sediment.				30.7
-			Gall	lons gaso	line per 1,000 c	u. ft. of gas
Rock p	oressure, lbs. pe	r sq. in	EMPLOYE	EFS		
		, Driller				Driller
		. Driller			·- ····	
nai anstrantism.	an properties and the contract of the contract	FOR	MATION F		The second of th	
FROM -	то-	TOTAL FEB	(T		FORMAT	TION
		2655	Shi	perump		
		2960	De (Chelly		
		3100	Orea	an Rock	•	
		4851	nep	nosa		
	· !	5682	Մբթ	er Bourk	iary Butte	
		5823	Para	ndox 8ba	ile	
	ļ	5835	Low	er Bound	lary Butte	
		6014	Base	Lower	Boundary But	ite .
		6067	Tota	l Depth	1	
			!			Dist:
						USGS (4)
	! !					State (2) Koch
	į					Maurer
			(OVER)		,	yakan ,—



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



Budget Bureau No. 42-R359.4. Approval expires 12-31-60.

Indian A	gency
¥	indow Rock
	Navajo

Lease No. 14-20-603-368

SUNDRY NOTICES AND REPORTS ON WELLS

	ARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)
NOTICE OF INTENTION TO ABANDON WELL		
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	X	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO DRILL	- -	SUBSEQUENT REPORT OF WATER SHUT-OFF

Well No. #34-7 is local	ted 710 ft. from S line and	d 2003 ft. from E line of sec.	<u> </u>
SV SE Sec. 7 (¼ Sec. and Sec. No.)	418 24R	SLM	
(¼ Sec. and Sec. No.)	(Twp.) (Range)	(Meridian)	
Ratherford	San Juan	Utah	
(Field)	(County or Subdivision)	(State or Territory)	

The elevation of the development above sea level is 5060 ft. kelly bushing

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Propose to squeeze off perforations 5841' - 5903'.

Will drill out cement and reperforate 5843'-49', 5868'-71', 5874'-77', 5881'-84', 5888'-91' with hydraulic perforating tool.

Will acidise perfs 5843' - 5891' with 9,000 gallons retarded acid.

purpose of the above work is to assure isolation of subsone one and treat to increase production.

I understand that this plan of work must receive approval in writing by t	he Geological Survey before operations may be commenced.
Company The Superior Oil Company	·
Address P. O. Drawers	
Cortes, Colorado	By D. D. Kingman
	Title Engineer

7	m 9-331 1970 1963) DEPA	RT ANT OF THE GEOLOGICAL	HE INTERIO	OR SUBMIT IN (Other inst verse side)	CATE On F	e 5. LEASE	Form approved. Budget Bureau No. DESIGNATION AND S	BRIAL
	SUNDRY N (Do not use this form for use "AP"	OTICES AND I	REPORTS C deepen or plug be IT—" for such pro	N WELLS ack to a different oposals.)	reservoir.	6. IF IND	IAN, ALLOTTES OR T	RIBE I
	OIL GAS OTH	ER					GREEMENT NAME	
2.	NAME OF OPERATOR	Milips Petrol	0 H (70,	-		1.0	DR LEASE NAME	ŧ
4.	LOCATION OF WELL (Report location of well (Report location also space 17 below.)	Colors tion clearly and in accor		tate requirements	.•	9. WELL		
	7.0	rolų 2009' mal	, Sec. 7			11. SEC.,	T., R., M., OR BLH. AN	ID
14.	PERMIT NO.	فقيسوند أ	Show whether DF,	RT, GR, etc.)	<u></u>	12. COUNT	ry qc 32,000 1 3. (TATE
16.	Check	Appropriate Box	o Indicate No	iture of Notice	, Report, or	Other Date		
	TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)	PULL OR ALTER CAS MULTIPLE COMPLET ABANDON* CHANGE PLANS		(Other)	REATMENT PR ACIDIZING	es of multiple	REPAIRING WELL ALTERING CASING ABANDONMENT* completion on Wet and Log form.)	
17.	DESCRIBE PROPOSED OR COMPLETE proposed work. If well is di	D OPERATIONS (Clearly st	tate all pertinent	details, and give	pertinent date	s, including e	stimated date of st	artin ones
Aa	nent to this work.)*			ns and measured	and true verti			
77	nent to this work.) *	oil well as fo	allow;		<u> </u>			
Tr	id treat producing	oil well as fo	allow;		<u> </u>			
77	id treat producing	oil well as fo	illows:		<u> </u>			
Tr	id treat producing	oil well as fo	illows:		<u> </u>			
Tr	id treat producing	oil well as fo	illows:		<u> </u>			
77	id treat producing	oil well as fo	illows:		<u> </u>			
	nent to this work.)* id trest producting wat with 1000 galls real size \$2 per barral orious Productions	oil well as for the of Hud acid carade oil.	illows:		<u> </u>			
18. I	id treat producing	oil well as for the of Hud acid carade oil.	illows: Land 50 bl		<u> </u>			

Form 9-331 SUBMIT IN TO CATE OF SUBMIT IN TO CATE O	Form approved. Budget Bureau No. 42-F
DEPARTMENT OF THE INTERIOR (Other instruction responses to the contract of the	5. LEASE DESIGNATION AND SERIAL
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE I
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	Bavaje
OIL GAS WELL OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Phillips Petrolaus Caspery Lug Ceriol	8. FARM OR LEASE NAME RECLIGIOS OF THE CONTROL OF T
3. Address of Operator P. O. Brewer 1150. Cortes, Colorado 61321	9. WELL NO.
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)	10. FIELD AND POOL, OR WILDCAT
At surface 710' FEL, 3cc. 7	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OF THE 13. STATE SAN JUNE ULA
Check Appropriate Box To Indicate Nature of Notice, Report, or O	ther Data
	ENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other) PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* SHOOTING OR ACIDIZING (Other) WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report results of Completion or Recompletion o	ALTERING WELL ALTERING CASING ABANDONMENT* of multiple completion on Well tion Report and Log form.)
Clean out frag sand and acidize with 1000 gallons and acid (2/15/	66 through 2/27/66);
Pulled rods and tubing, ran SDA to 6004', found 20' of fillup. A 18' of free mand to 6022'. Returned to production. Would not put th 1000 gallows mud sold, flushed with 50 bbls. lease crude oil	um bailer, elegned on Mp correctly. Acidi Ran Six to 6009'.
Pulled rods and tubing, ran SDA to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not pu	me bailer, elegned on me correctly. Addi. . Ran SIM to 6009.
Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallons mud sold, flushed with 50 bbls. lease crude oil Cleaned out from 6009' to 6024' with bailer, recovered free sand. rods and returned to production.	me bailer, elegned on me correctly. Addi. . Ran SIM to 6009.
Pulled rods and tubing, ran SIA to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not put th 1000 gallons said soid, flushed with 50 bbis. lease crude oil Cleaned out from 6009' to 6024' with bailor, recovered free sand.	me bailer, elegned on me correctly. Addi. . Ran SIM to 6009.
Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallons mud sold, flushed with 50 bbls. lease crude oil Cleaned out from 6009' to 6024' with bailer, recovered free sand. rods and returned to production.	me bailer, elegned or me correctly. Acidi Ran SIX to 6009.
Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallons mud sold, flushed with 50 bbls. lease crude oil Cleaned out from 6009' to 6024' with bailer, recovered free sand. rods and returned to production.	me bailer, elegned on me correctly. Addi. . Ran SIM to 6009.
Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallons mud sold, flushed with 50 bbls. lease crude oil Cleaned out from 6009' to 6024' with bailer, recovered free sand. rods and returned to production.	me bailer, elegned on me correctly. Addi. . Ran SIM to 6009.
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Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. A 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallons mud sold, flushed with 50 bbls. lease crude oil Cleaned out from 6009' to 6024' with bailer, recovered free sand. rods and returned to production.	me bailer, elegned or me correctly. Acidi Ran SIX to 6009.
Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. In 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallows mud soid, flushed with 50 bbls. lease crude oil Cleaned cut from 6009' to 6024' with bailor, recovered free sand. rods and returned to production. Present production: 150 BOFD, 76 MCFGFD, 37 BWFD.	me bailer, elegned or me correctly. Acidi Ran SIX to 6009.
Pulled rode and tubing, ran SIM to 6004', found 20' of fillup. In 18' of free sand to 6022'. Returned to production. Would not putth 1000 gallors mud acid, flushed with 50 bbls. lease crude cil Cleaned out from 6009' to 6024' with bailer, recovered free sand. rode and returned to production. Present production 150 80FD, 76 MCFGFD, 37 BWFD.	me bailer, elegned or me correctly. Acidi Ran SIX to 6009.
Pulled rods and tubing, ran SIM to 6004', found 20' of fillup. In 18' of free sand to 6022'. Returned to production. Would not put with 1000 gallows mud soid, flushed with 50 bbls. lease crude oil Cleaned cut from 6009' to 6024' with bailor, recovered free sand. rods and returned to production. Present production: 150 BOFD, 76 MCFGFD, 37 BWFD.	me bailer, eleaned or correctly. Addd. Tan Six to 6009'. Terms builty and

(May 1963) DEPA	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-368		
SUNDRY N (Do not use this form for p	6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
1. OIL GAS WELL OTH	7. UNIT AGREEMENT NAME SHET-4192		
2. NAME OF OPERATOR		•	8. FARM OR LEASE NAME
Phillips Petr	cleum Co. Staff!	1 Let)	Ratherford Unit
3. ADDRESS OF OPERATOR	23391	TT.	9. WELL NO.
P. O. Drawer 1	150, Cortez, Colorado	81321	7-34
4. LOCATION OF WELL (Report locat	ion clearly and in accordance with any		10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface			Greater Aneth
710' FS	L; 2003' FEL, Sec. 7		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
			7-415-24E SUBM
14. PERMIT NO.	15. ELEVATIONS (Show whether D	F, RT, GR, etc.)	12. COUNTY OR BERIEF 13. STATE
	5060 KB		San Juan Utah
	Appropriate Box To Indicate I		Other Data
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other)	
(Other) Squeeze cemen	lts of multiple completion on Well mpletion Report and Log form.)		
proposed work. If well is dinent to this work.) *	rectionally drilled, give subsurface local states of the state of the	I. acidize Zone I wi	tes, including estimated date of starting any tical depths for all markers and zones pertical depths for all markers and zones pertical depths for all ones 15% or total of 750 gallons
28% acid), r	eturn to pumping from	Zone I.	• • • • • • • • • • • • • • • • • • •

Present Production:

(Well presently shut down)

Last well test: 2/17/70: 15 BOPD, 11 MCFGPD, 946 BMPD.

18	. I hereby certify that the foregoing is true and correct		
	SIGNED LAC SOLS C. M. Boles	TITLE District Superintendent	DATE 4-6-70
	(This space for Federal or State office use)		
	APPROVED BY	TITLE	DATE
)	CONDITIONS OF APPROVAL, IF ANY:	Orig &	2 cc:USGS, Farmington, N

2 cc: Utah O&GCC, Salt Lake City 1 cc: Denver

*See Instructions on Reverse Side

1 cc: File

A		e 1
Form 9-331 (May 1963) DEPARTMENT OF THE INTERIOR (Other instruction on response of the contraction of the c		au No. 42–R1424
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
1. OIL GAS WELL OTHER	7. UNIT AGREEMENT NO. SAI-I-4192 8. FARM OR LEASE NA.	
2. NAME OF OPERATOR Phillips Petroleum Co.	Ratherford	
P. O. Draw er 1150, Cortes, Colorado 81321	9. WELL NO. 7-34	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	10. FIELD AND POOL, O	þ
710' FSL; 2003' FEL, Sec. 7	7-413-24E SUB	
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5060 KB	12. COUNTY OR CASE	Utch
16. Check Appropriate Box To Indicate Nature of Notice, Report, or C	Other Data	
NOTICE OF INTENTION TO:	UENT REPORT OF:	
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZING	REPAIRING ALTERING C ABANDONME	ASING NT*
REPAIR WELL (Other) CHANGE PLANS (Other) (Note: Report results Completion or Recomp	s of multiple completion pletion Report and Log fo	on Well rm.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

On 4-20-70 set Baker Model K coment retainer at 5945. Squessed Desert Creek Zone II perforations 5952-73 and Zone III perforations 5968-6006 to 3500% holding pressure. Acidised Desert Creek Zone I perforations 5640-5929 OA with 750 gallons 20% Spearhead acid and 9000 gallons 15% regular acid in 3 equal stages separated by 500 gallons oil-mothball block. Smabbed well, reren pumping equipment, started pumping at 4:00 P.M. 4-24-70. On 5-28-70 set packer bull plugged on bottom at 5895. Hung well back on. Producing from Zone I perforations 5840-50 and 5866-93. (Zone I perforations 5899-5903 and 5914-29 are shut off below packer). (Well had been shut down prior to workover since 2-23-70).

Previous Production (Greater Anoth - Paradox - Desert Creek Zone I, II, III):

"Has been shut down since 2-23-70

"Last well test prior to shut down was 2-17-70, 15 BO, 11 MCF Gas, 946 BW in 24 hours pumping from Desert Creek Zone I, II, III)

Prosent Production	n (Greater And	eth - Paradox	- Desert Cree	sk Zone	I):		
	36 BOPD, 422	l NCFPD, 320 B	RIPD	•			1 142
SIGNED (This space for Federal or State	Boles	TITLE Hetrict	: Superintenie		DATE	-21-70	
APPROVED BYCONDITIONS OF APPROVAL, II	F ANY:	TITLE	2 001	Uteh Os		armingtor It lake (
	*Se	e Instructions on Re	everse Side 1 cc:	Denver Superio File	r 011 C	o., Corte	es, Coi

 D. D. O. C.				
Form a Budget	pprove Burea	d. u No	. 42–I	1424

(May 1963)	Budget Bureau No. 42-R1424.
DEPARTMENT OF THE INTERIOR (Other Instructions of the Interior	5. LEASE DESIGNATION AND SERIAL NO.
GEOLOGICAL SURVEY	14-20-603-368 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)	Nevajo
OIL GAS WELL OTHER	7. UNIT AGREEMENT NAME SW-1-4192
2. NAME OF OPERATOR Phillips Petroleum Company	8. FARM OR LEASE NAME Ratherford Unit
3. Address of operator P. O. Box 2920, Casper, Wyoming 82601	9. WELL NO. 7-34
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	10. FIELD AND POOL, OR WILDCAT Creater Aneth
710 * FSL & 2003 * FEL, Sec. 7	11. SEC., T., R., M., OR BLK. AND SUBVEY OR AREA SEC. 7-T415-R24E SIRM
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. 000.11 01 12.00
14. PERMIT NO. 10. ELEVATIONS (Show whether Dr. RI, Ga, etc.) 5060 RKB	San Juan Utah
5060 RKB Check Appropriate Box To Indicate Nature of Notice, Report	San Juan Utah , or Other Data
5060 RKB Check Appropriate Box To Indicate Nature of Notice, Report	San Juan Utah
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE SHOOT OR ACIDIZE ABANDON* CHANGE PLANS CHANGE PLANS CHOCK Appropriate Box To Indicate Nature of Notice, Report WATER SHUT-OFF FRACTURE TREATMENT SHOOT OR ACIDIZE (Other) (NOTE: Report	San Juan Utah or Other Data subsequent report of: REPAIRING WELL ALTERING CASING

Present Production - Shut Down June 11, 1971
Last Test Before S.D.: 2 BCPD, 30 MCFGPD, 715 BWPD

18. I hereby certify that the foregoing is true and correct		
Original Signed By: J. P. DENNY	TITLE Production Superintendent	DATE June 25, 1971
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

'orm 9–331 May 1963)	UN ED STATES	ŞUBMIT IN TRIPI	Form approve	d. u No. 42–R142
DEPA	RTMENT OF THE INTE	RIOR (Other instructions r	5. LEASE DESIGNATION	AND SERIAL NO.
,	GEOLOGICAL SURVEY		14-20-603-6	38
	NOTICES AND REPORTS proposals to drill or to deepen or plus PLICATION FOR PERMIT—" for such		6. IF INDIAN, ALLOTTEE Navajo	OR TRIBE NAMI
OIL GAS WELL OTH	1ER		7. UNIT AGREEMENT NAME SW-I-4192	ME
. NAME OF OPERATOR			8. FARM OR LEASE NAM	E
Phillips Petrol	ourn Company >/////	162 1	Ratherford	Unit
. ADDRESS OF OPERATOR			9. WELL NO.	
P. O. Box 2920.	Casper, Wyoming 8260	1.	7-34	
	tion clearly and in accordance with a	ny State requirements.*	10. FIELD AND POOL, OR Greater Ane	
710' FWL & 2003	FML, Sec. 7		11. SEC., T., B., M., OR BI SURVEY OR AREA	LK. AND
			Sec. 7-T415-R2	4E, SIBM
4. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH	13. STATE
	50601 RKB		San Juan	Utah
TEST WATER SHUT-OFF	PULL OR ALTER CASING MULTIPLE COMPLETE	WATER SHUT-OFF FRACTURE TREATMENT	REPAIRING W	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	ELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	 	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	T*
(Other)	CHANGE PLANS	(Other) Squaze Completion or Recom	ts of multiple completion of appletion Report and Log for	m.)
proposed work. If well is onent to this work.)*	ED OPERATIONS (Clearly state all pertin lirectionally drilled, give subsurface logh July 21, 1971	nent details, and give pertinent date cations and measured and true vert	es, including estimated date leal depths for all markers	of starting a and zones per
at 5828'. Press. C Mixed 250 sx Class 1bs. Max Press 3600 7/17/71. Pulled tu Tagged cement at ap Bit plugged and una fillup at 5941. Pe and 5914-5929. Ran from hele from 5941	and Baker Lok-Set Pack ag and Rams to 1000 lb C Coment w/.6% HALAD-9 #, Holding Press. Rev bing and packer. Reral proximately 5833. Drie ble to clean up hole. rforated 7" casing w/ tubing w/packer, seat -45. Acidized w/250 gr Completed 9:45 AH, 7/2	s. Pumped into forma. Squeezed perfs 5844 ersed out 25 sx cemen in tubing w/6-1/8" bit d cmt and washed to called tubing and bit 2 jet shots/ft. 5840-ing shoe and 4 jts talled, 15% Acetic Acid.	tion 6t BPM at 1 0-5929 OA w/225 t. Job complete to 12 jts off b ement retainer a t, RU Schlumberg 50, 5866-5893, 5 il pipe. Circ c Acidized w/100	000 lbs. sx at 400 1:52 AM ottom. t 5945. or, tagge 899-5903 uttings 0 gals

Previous Production - S.D. 6/11/71 - Test 6/10/71, Papel 2 BOPD, 30 MCFGPD, 715 BMPD

Production After Workover - 7/28/71, Ampd 6 BOPD, 18 NCFGPD, 90 BMPD

8. I hereby certify that the foregoing is true and correct SIGNED	TITLE Production Superintendent	DATE August 10, 1971
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

fay 1963)	UNI DEPARTMENT	D STATES T OF THE INTER	SUBMIT IN TRIPLION (Other instructions on verse side)	re- Bud	m approved. get Bureau No. 4 IGNATION AND SER	
		OGICAL SURVEY				
CI			ON WELLC	6. IF INDIAN	ALLOTTEE OF TRIE	BE NA
		AND REPORTS drill or to deepen or plug FOR PERMIT—" for such	back to a different reservoir.	N	.vajo	
OIL [GAS				7. UNIT AGRE	EMENT NAME	
WELL WELL			······································	8. FARM OR	4192 ME	-
NAME OF OTERATOR	•	week as		0. 2.2		
ADDRESS OF OPERA	s Petroleum Com	pany		9. Rot 1985.	ord Unit	
LOCATION OF WELL See also space 17 h At surface	(Report location clearly a pelow.)	ind in accordance with an	y State requirements.*	10. FIELD 20	POOL, OR WILDCA	AT
					OR AREA	
710' PWI.	2003' FeL, Sec	c. 7			and the same same and the same	e 1 1
, PERMIT NO.	15. E	ELEVATIONS (Show whether D	F, RT, GR, etc.)	12. COUNTY	A VARISTIP TO USE	ATEL
		5050 RXB		San Ju	15	l:nh
•	Check Appropri	• · · · · · · · · · · · · · · · · · · ·	Nature of Notice, Report,			Ver
	NOTICE OF INTENTION TO			SEQUENT REPORT OF	·:	
TEST WATER SHUT	PILL OR	R ALTER CASING	WATER SHUT-OFF	RF	PAIRING WELL	\neg
FRACTURE TREAT		LE COMPLETE	FRACTURE TREATMENT		TERING CASING	
SHOOT OR ACIDIZE	ARANDON	<u> </u>	SHOOTING OR ACIDIZING	AB	ANDONMENT*	
REPAIR WELL	CHANGE	PLANS	(Other)			
(Other)			Completion or Red	sults of multiple co completion Report a	id Log form.)	
nent to this work	• ,					
		well's Retarted	Acid 9 in single s	tag•.		
		well's Retarted	Acid 9 in single s	tage.		
		well's Retarted	Acid 9 in single s	ដែ2∰••		
		well's Retarted	Acid 9 in single s	tag●•		ting nes pe
		vell's Retarted	Acid 9 in single s	tag●•		
Acidize with	2 4500 gals. Dom		Acid 9 in single so			
Acidize with	2 4500 gals. Dom					
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Form 9-331 (May 1963)

U...TED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRICATES (Other instructions on reverse side)

Form approved.

Budget Bureau No. 42-R1424.

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Form 9-331 (May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIP ATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to defill or to decree or plug back to a different reservoir. (Do not use this form for proposals to defill or to decree or plug back to a different reservoir. (OWELL TO WELL OF WHICH OF SHEMIT OF SHEM	NOTICES AND REPORTS ON WELLS TO TO deepen or plug back to a different reservoir. PPLICATION FOR PERMIT—" for such proposals.) STERN SHER SN-1-4192 S. PARM OR LARGE MARKE Retherford Unit 9. WILL NO. 7-34. 10. FIELD AND POOL, OR WILDOAY FELL, Sec. 7 15. ELEVATIONS (Show whether DF. RT. OR. etc.) 5060 RKB SC 7-4124E 15. ELEVATION TO: WATER SHUT-OFF FRACTORE TREATMENT NAME NAWA jo 1. UNIT ADMENIANT NAME Retherford Unit 9. WILL NO. 7-34. 10. FIELD AND POOL, OR WILDOAY Creater ineth 11. SEC. T. R. M. W. OR BEEL AND SCHWEN OR AREA. Sec 7-4124E 12. COUNTY OR PARISH 13. STATE SON Juan Utah SUBSTRUCT OR PARISH 13. STATE SON Juan WATER SHUT-OFF FRACTORE TREATMENT NAME ADMINISTRATION CARING MULTIFER COMPLETE ALPERING WELL ALPERING CARING MULTIFER COMPLETE CHANGE PLANS (Other) CHANGE PLANS (Other) CHANGE CHANGE (Other) TITED OFFERATIONS (Clearly state all pertinent details, and give pertinent date, including estimated date of starting at directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent date. On: Pumping 14 BOPD, 14 MCFGPD, 7 BWBD	DEPART	MENT OF THE INTE	RIOR verse side)	5. LEASE DESIGNATION AND SERIAL NO
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SIGNED DATE 12-8-71	TITLE DATE	SIGNED	TITLE	· · · · · · · · · · · · · · · · · · ·	DATE
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Form 9-331 (May 1963)

DEPARTME

SUBMIT IN TRIP (Other instructions

Form approved. Budget Bureau No. 42-R1424.

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DLOGICAL SURVEY	14-20-603-6

γ	GEOLOGICAL SURVEY	14-20-603-638
	NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
(Do not use this form to Use	for proposals to drill or to deepen or plug back to a different reservoir. "APPLICATION FOR PERMIT—" for such proposals.)	Navajo
1.		7. UNIT AGREEMENT NAME
OIL GAS WELL	OTHER	SN-I-4192
2. NAME OF OPERATOR		8. FARM OR LEASE NAME
Phillips Petro	leur Company	Ratherford Unit
3. ADDRESS OF OPERATOR		9. WELL NO.
P. O. Box 2920	, Casper, Wroming 82601	7-34
4. LOCATION OF WELL (Report See also space 17 below.)	location clearly and in accordance with any State requirements.*	10. FIELD AND POOL, OR WILDCAT
At surface		Greater Anoth
710' FWL & 200	3' FEL, Sec. 7	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		Sec. 7-1415-1248
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISH 13. STATE
	50601 RKB	San Juan Utah
16. CI	heck Appropriate Box To Indicate Nature of Notice, Report,	or Other Data

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TEST WATER SHUT-OFF	<u> </u>	PULL OR ALTER CASING	Į.	WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	-
SHOOT OR ACIDIZE		ABANDON*		STOR ACIDIZING	X	ABANDON MENT*	
REPAIR WELL	1 1	CHANGE PLANS		(Other)			
(Other)			\	(Note: Report resu Completion or Reco	ilts of mplet:	f multiple completion on Well ion Report and Log form.)	! —

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PTD 59451

January 31, 1972 - Acidized Zone I with 7500 gals 15% HCL Acid.

Amping M. BOPO, 7 BAPO Production Before Acidizing:

Production After Acidizing: Pumping 34, BOPD, 10 BMPD

18. I hereby certify that the foregoing is true and correct SIGNED	TITLE Production Superintendent	DATE February 23,1972
(This space for Federal or State office use)		
APPROVED BY	TITLE	DATE

USCE, Farmington, N. Mexico - Utah CMG CC, Salt Lake -

- Superior Oil Co., Cortez, Colo. *See Instructions on Reverse Side

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*See Instructions on Reverse Side

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	30-32	SW NE Sec. 30-T41S-R24E	43-037-15341	SI
	32-41	NE NE Sec. 32-T41S-R24E	43-037-15342	SI
	-1-13	NW SW Sec.1-T41S-R24E	43-037-15838	
	1-24	SE SW Sec.1-T41S-R24E	43-037-15839	Act.
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	6-14	SW SW Sec.6-T41S-R24E	43-037-15840	Act.
	7-12	SW NW Sec.7-T41S-R24E	43-037-15894	Act.
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		SE NE Sec. 11-T41S-R23E	43-037-15841	Act.
	11-44	SE SE Sec. 11-T41S-R23E	43-037-15842	Act.
	12-11	NW NW Sec. 12-T41S-R23E	43-037-15843	Act.
	12-14	SW SW Sec.12-T41S-R23E	43-037-15844	Act.
	12-22	SE NW Sec. 12-T41S-R23E	43-037-15845	Act.
	12-23	NE SW. Sec. 12-T41S-R23E	43-037-15846	Act.
	12-31	NW NE Sec. 12-T41S-R23E	43-037-15847	Act.
	12-33	NW SE Sec.12-T41S-R23E	43-037-15848	Act.
	12-41	NE NE Sec. 12-T41S-R23E	43-037-15849	Act.
	12-42	SE NE Sec.12-T41S-R23E	43-037-15850	Act.
	13-13	NW SW Sec.13-T41S-R23E	43-037-15851	Act.
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	13-24	SE SW Sec. 13-T41S-R23E	43-037-15853	Act.
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		SE NE Sec. 13-T41S-R23E	43-037-15857	Act.
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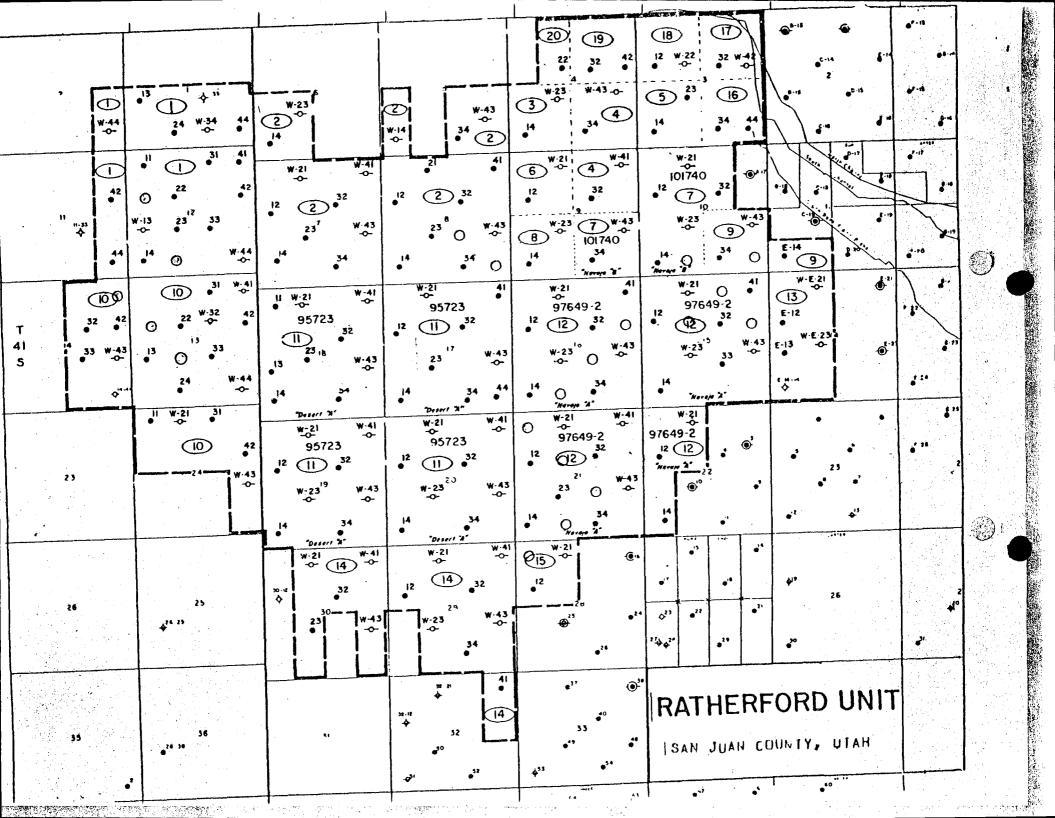
in Balvi, K.

6. UNIT OPERATOR (Well operator)

Phillips Petroleum Company is hereby designated as Unit Operator and by signature hereto as Unit Operator agrees and consents to accept the duties of Unit Operator for the development and production of Unitized Substances as herein provided.

Taken from the Ratherford Unit Agreement.

Operator Name Change.



CC: GLH

3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-838-5340

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uthorized (ective (d Signature Date	october, 1	986 X. ZW	dikus Telephone (307) 237-3791		F	entity. Other. (Specify u	from one entity to a using attachments it S TO BE GROUPED T	necessary.)
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Action Code	Current Entity No.	New Entity No.	API No.	Well Name		. T	R	ର/ର	County	Formatio
Ç	06280		4303715989	Ratherford Unit Well #7-34	7_	4	15 24	SWSE	San Juan	DSCR
	on of action: rted to a v	water inje	ction well 10/6/	86	·		 y		Y	···
С	06280		4303715857	Ratherford Unit Well #13-42	13	4	1S 23E	SENE	San Juan	DSCR
	on of action: rted to a v	vater inje	ction well 10/24	/86	•					
С	06280		4303715731	Ratherford Unit Well #17-41	17	4	1S 24E	NENE	San Juan	PRDX
planatio	on of action:									
Conve	rted to a v	water inje	ction well 10/23	/86	·					
С	06280		4303715736	Ratherford Unit Well #18-32	18	4	1S 24F	SWNE	San Juan	PRDX
•	on of action: rted to a w	vater inie	ction well 10/10,	/86					1 3 (c.)	ar so as ¥j

an equal opportunity employer

3 Trise Center, Suite p, Sait Lake City, UT 84180-1203

Commencement

DPW.U(803)\$38-534

Division of L. Cara la tymo

MONTHLY REPORT OF ENHANCED RECOVERY PROJECT - PART 2

Page 1

MONTHLY MONITORING OF INJECTION WELLS

Well Name	Ini. Press.	ini. Rate	Annulus Press.	Honthly Int. Vol.
Ratherford Unit, Well #				
E14W21 X	SI	SI		SI
E14W23 X	SI	_SI		SI
1W24 X	600	_136_		4219
1W34 X	SI	<u>SI</u>		57
2W44 X	2400	280		8679
3W42_X	<i>3I</i>	SI		57
5W14 PARIC 10/1/81				
5₩43 ʹ×		195		6033
6W23 X	5T			SI
<u>7</u> ₩12 火	1350	_389		8549
7W14 <u>X</u>	2400	211		6538
7W21 X	2300	7		217
7W32 Completed	2250			3304
7W34 Completed	2150	_153	••	,
7W41 X	0	_247		3977
	1450	8/		7665
8W14 X	2250			2498
8W43 X	<u> </u>			2946
9W21 X	1275	<u> 263</u>		8156
9W23 ×	- 1413	358		11/00
9W41 _X		<u>35/</u>		10893
		57		SI!

MONTHLY REPORT OF ENHANCED RECOVERY PROJECT - PART 2 Page 2

MONTHLY MONITORING OF INJECTION WELLS

Well Hame	Int. Press.	<u>Ini. Rate</u>	Annulus Press.	Honthly Inj. Vol.
9W43 X	<i>SI</i>	_SI		SI
10W21_X	SI	SI		SI
10W23	1300	327		10125
10W43 X	1500			348
12W13 X	2500	150		4651
12W44 X	SI	<i>SI</i>		S
13W32 X	<i>51</i>	_37		
13W41 X	SI	SI		SI
13W42 10/24/86	950	423		3383
13W44 <u>X</u>	2400	48		1446
14W43 X	SI			
15W21 <u>/</u>		282		874/
15W23 X	2425	85		
15W43 <i>x</i>	2400	32		2626
16W21 X		373	••	983
16W23 🔨	1200	213		
16W43 X	2300			6590
17W21 X	2425	408		5357
17W41 Completed	2020	381		12,655
17W43 X	2475	122		3432
18W14χ	2425	24		3781
18W21X	2250	7		<u>757</u>
				202

Ph. (801)538-5346

DE0 01 1986 =

MONTHLY REPORT OF ENHANCED RECOVERY PROJECT - PART 2 Page 3

MONTHLY MONITORING OF INJECTION WELLS

AL! Name	Int. Press.	- Ini. Rate	Annulus Press.	Macabas
18W32 Completed	2120			3754
18W41	2250	16		504
18W43 X	SI			
19W21 X	_2350	_179		5539
19W23 X	SI	SI		
19W41 X	2300	_69		
19W43 X	2250	246		2145
20W21 X	2400			7625
20W23 X	2550	286		<u>426</u> 8874
20W41X	2250			
20W43 X	2300	244		4729
21W21 X	2400	294		- 7577 - 91711
21W41 X		SI		9/24
21W43 X	SI			SI
22W21 X	SI	SI		ST
24W21 X	SI			ST
24W43 X	800	295		
28W21 X	2350			9142
29W21 X	2250	363		703
29W23 \	SI			
29W41 X	1950	384		SI
29W43 X	SI	57		

AFFIDAVIT OF PUBLICATION

Public notice

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF PHILLIPS PETROLEUM COMPANY, FOR ADMINISTRATIVE APPROVAL TO INJECT FLUID INTO CONVERTED ENHANCED RECOVERY INJECTION WELLS LOCATED IN SECTIONS 6, 7, & 8, TOWNSHIP 41 SOUTH, RANGE 24 EAST; AND SECTION 1, TOWNSHIP 41 SOUTH, RANGE 23 EAST, S.LM, SAN JUAN COUNTY, UTAH

CAUSE NO. UIC-079

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER

Notice is hereby given that Phillips Petroleum Company, P.O. Box 2920, Casper, Wyoming, 82602 has requested administrative approval from the Division to convert the following listed wells to enhanced recovery water injection wells:

RATHERFORD UNIT

#1-44 Sec. 1, T41S, R23E Sec. 1, T41S, R23E #1-24 #1-13 Sec. 1, T418, R23E #6-14 Sec. 6, T41S, R24E × #7-34 Sec. 7, T41S, R24E #7-32 Sec. 7, T41S, R24E #7-23 Sec. 7, T41S, R24E #7-14 Sec. 7, T41S, R24E #7-12 Sec. 7, T41S, R24E #8-14 Sec. 8, T41S, R24E

Injection Interval: Desert Creek 5,479' to 5,929'

Maximum Estimated Surface Pressure: 3000 paig

Maximum Estimated Water Injection Rate: 500 BWPD

Approval of this application will be granted unles objections are filed with the Division of Oil, Gas and Mining within 15 days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84108-1203.

DATED this 13th day of March, 1986. STATE OF UTAH

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
MARJORIE L. ANDERSON
Administrative Assistant
Published in The San Juan Record
March 19, 1986.

I, Joyce Martin, ng duly sworn,
depose and say that I am the publisher of the San
Juan Record, a weekly newspaper of general circulation
published at Monticello, Utah, every Wednesday; that
notice of request for administrative approval to
inject fluid into converted wells, Cause # UIC-079
a copy of which is hereunto attached, was published in
the regular and entire issue of each number of said
newspaper for a period of <u>one</u> issues, the first
publication having been made on March 19, 1986.
and the last publication having been made on
Signature Oye a Warten Publisher
Subscribed and sworn to before me this
day of <u>March</u> , A.D. <u>1986</u> .
Freid Kadami

Notary Public Residing at Monticello, Utah

My commission expires ______ December 2, 1987

	RTMENT OF THE INTER		5. LEASE DESIGNATION AND SERIAL NO.
SUNDRY NO	OTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTER OR TRIBE NAME
	oponals to drill or to deepen or plu LICATION FOR PERMIT—" for such	proposals.)	Navajo
OIL CAR CAR OTHE	•		7. UNIT AGREEMENT NAME SW-I-4192
2. NAME OF OPERATOR	<u> </u>		8. PARM OR LBASE HAME
Phillips Petroleum	Company		Ratherford_Unit
3. ADDRESS OF OFSEATOR			9. WELL NO.
P.O. Box 2920, Casp	er, WY 82602		7-34
4. LOCATION OF WELL (Report location See also space 17 below.)	on clearly and in accordance with a	ny State requirements.	10. PIBLD AND POOL, OR WILDCAT
At surface	(CT CT)		Greater Aneth
710' FSL, 2003' FEL	(SW SE)		SURVEY OR ARBA
			Sec. 7-T41S-R24E
14. PERMIT NO.	15. BLEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
43-037-15989	5060' RKB		San Juan IItah
16. Charl		N / N	
		Nature of Notice, Report, or	
NOTICE OF IN	TENTION TO:	\$U380	QUENT REPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	PRACTURE TREATMENT	ALTERING CABING
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*
REPAIR WELL	CHANGE PLANS	(Other) (Note: Report result	ts of multiple completion on Well
(Other) Convert to Wat			spletion Report and Log form.) s, including estimated date of starting any ical depths for all markers and sones perti-
5-BLM, Farmington, No. 2-Utah O&G CC, Salt 1-P. J. Adamson 1-M. Williams, 302 No. 1-J. R. Weichbrodt 1-B. J. Murphy 1-File RC	ion of the workover, a NM Lake City Utah	MAY 2 1 1986	a previously disturbed and recovered.
B) 18. I hereby certify that the foregoing SIGNED D. C. Gill	OIL, GAS, AND MIN ATE: 52884 Title and correct	ING OIL. GAS & MINING	Federal approval of this action is required before commencing operations. DATE May 14, 1986
(This space for Federal or State	office use)		
APPROVED BY	TITLE		DATE
CONDITIONS OF APPROVAL, IF	'ANY:		

*See Instructions on Reverse Side

Mobil Oil Corporation

P.O. BOX 5444 DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Attn: R. J. Firth

Associate Director



DIVISION OF OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker

Environmental Regulatory Manager

CNE/rd CNE8661

Affidavit of Publication

SS.

STATE OF UTAH,

County of Salt Lake

Being first duly sworn, deposes and says that he/she is the control of the contro	BEFORE THE DIVISION OF DIL, GAS AND ANNING DEPARTMENT OF MATURAL RESOURCES STATE OF UTAM	Cheryl Gierloff
West Sec 1918 878 Cause No. UIC-079 Application of Phillips 1918 Sec 1918 878 Sec 1918 878	TO INJECT FLUID INTO CON- VERTED ENHANCED RECOV- ERY INJECTION WELLS LO- CATED IN SECTIONS 4, 7, 8, TOWNSHIP 41 SOUTH, RANGE 24 EAST, AND SECTION 1, TOWNSHIP 42 SOUTH, RANGE 23 EAST, S.L.M., SAN JUAN COUNTY, UTAHL THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MAT- TER: Nofice is hereby given that Phillips Petroleum Company, P.O. Box 2978, Casper, Wyo- ming, 82602 has requested ad- ministrative appraval from the Division to convert fire follow- ing listed wells to enhanced re- covery worter injection wells:	legal advertising clerk of THE SALT LAKE TRIBUNE a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah, and of the DESERET NEWS, a daily newspaper printed in the English language with general circulation in Utah, and published in Salt Lake City, Salt Lake County, in the State of Utah.
Subscribed and sworn to before me this	### 12	Cause No. UIC-079 Application of Phillips
Subscribed and sworn to before me this	99-14 Sec. 4, 1413, N24C 97-34 Sec. 7, 7415, R24E 97-32 Sec. 7, 7415, R24E 97-22 Sec. 7, 7415, R24E	Petroleum Company
Subscribed and sworn to before me this Subscribed and sworn to before me this Subscribed and sworn to before me this March A.D. 1986 My Commission Expires	#7-12 Sec. 7, T415, R24E #8-14 Sec. 8, T415, R24E Injection Interval: Desert Creek	
will be growed unless ableston for the polysion of Oil, Gos and Mining, Attention of Oil, Gos and Mining, Attention of Oil, Gos and Mining, Attention: UIC Program Monoger, 17 led City, Unit aliabol 203. March 1986. March 1986. Subscribed and sworn to before me this Subscribed and sworn to before me this March 1986. March 1986. Subscribed and sworn to before me this March 1986. March 1986. March 1986. March 1986. March 1986. Subscribed and sworn to before me this March 1986. March 1986. March 1986. Notary Public My Commission Expires	Sure: 3000 psig Maximum Estimated Water Injection Rate: 300 BWPD	
Subscribed and sworn to before me this March A.D. 1986 My Commission Expires Should be mailed to the prison of oil (Gos and Mining, Afternoon Monoport, 1986), 1740d (City, Union 24) 80-1203. DATE D His 130h day of March, 1988. State Of Utam Division of Oil, Gas AND Mining March March March March March March March Subscribed and sworn to before me this day of March March March A.D. 1986 Notary Public My Commission Expires	will be granted unless object flons are filed with the Division of Oil. Gas and Mining within fil-	
Subscribed and sworn to before me this	should be mailed to the Division of OH, Gas and Mining, Attention: UIC Program Manager, 335 West North Temple, 3 Triad Center, Suite 350, Soil Lake City, Utoh 84180-1203. DATED this 13th day of March, 1986.	March 2°
March A.D. 1986 S.J. Davia Notary Public My Commission Expires	STATE OF UTAH DIVISION OF OIL, GAS AND MINING MARJORIE L. ANDERSON Administrative Assistant	dvertising Cleby
B.J. Davis Notary Public My Commission Expires	Subscribed and sworn to before	ore me this
Notary Public My Commission Expires	March	. A.D. 1986
ARY PUD		***************************************
March 1, 1988	My Commission Expires	
	March 1, 1988	STARY PUBE
B. T. DAVIS		B. T. DAVIS

Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne Ř. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 8, 1986

Phillips Petroleum Company P.O. Box 2920 Casper, Wyoming 82602

Gentlemen:

RE: Injection Well Approval - Cause No. UIC-079

Administrative approval is hereby granted to convert the following wells to Class II enhanced recovery water injection wells:

RATHERFORD UNIT - San Juan County, Utah

WELL	LOCATION	WELL	LOCATION
#1-44	Sec. 1, T41S, R23E	#7-32	Sec. 7, T41S, R24E
#1-24	Sec. 1, T41S, R23E	#7-23	Sec. 7, T41S, R24E
#1-13	Sec. 1, T41S, R23E	#7-14	Sec. 7, T41S, R24E
#6-14	Sec. 6, T41S, R24E	#7-12	Sec. 7, T41S, R24E
#7-34	Sec. 7, T41S, R24E	#8-14	Sec. 8, T41S, R24E

This approval is conditional upon full compliance with the UIC rules and regulations adopted by the Board of Oil, Gas and Mining, and construction and operation of the well as outlined in the application submitted.

If you have any questions concerning this matter, please do not hesitate to call or write.

Best regards

Dianne R. Nielson

Director

mfp 7627U

Publication was sent to the following:

Navajo Tribe PO Box 146 Window Rock, Arizona 86515

Mobil OIl Company Attn: Joint Interest Advisor PO Box 5444 Denver, Colorado 80217

Texaco, Inc. PO Box 2100 Denver, Colorado 80201

Phillips Petroleum Company PO Box 2920 Casper Wyoming 82602

Utah State Department of Health Water Pollution Control Attn: Loren Morton 4241 State Office Building Salt Lake City, Utah 84114

U.S. Environmental Protection Agency Suite 1300 Attn: Mike Strieby 999 18th Street Denver, Colorado 80202-2413

Bureau of Land Management consolidated Financial Center 324 South State Street Salt Lake City, Utah 84111-2303

Newspaper Agency Legal Advertizing Mezzanine Floor 143 South Main Salt Lake City, Utah 84111

San Juan Record Legal Advertizing Monticello, Utah 84535

March 13/1986



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 13, 1986

San Juan Record Legal Advertizing Monticello, Utah 84535

Gentlemen: ...

RE: UIC-079

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the $$20{\rm th}$$ day of \$March\$. In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours,
DIVISION OF OIL, GAS AND MINING
Markayne Pourse

MARJORIE L. ANDERSON Administrative Assistant

mfp 0045A



Norman H. Bangerter, Governor Dee C. Hansen, Executive Director Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 13, 1986

Newspaper Agency Legal Advertizing Mezzanine Floor 143 South Main Salt Lake City, Utah 84111

Gentlemen:

RE: UIC-079

Attached hereto is a Notice of Application of Administrative Approval, before the Division of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the $20 \, \mathrm{th}$ day of March . In the event that said notice cannot be published by this date, please notify this office immediately by calling 538-5340 Ex. 5296.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

Very truly yours, DIVISION OF OIL, GAS AND MINING

Malagne Kombon

MARJORIE L. ANDERSON Administrative Assistant

mfp 0045A

BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

---00000---

IN THE MATTER OF THE APPLICATION

OF PHILLIPS PETROLEUM COMPANY,

FOR ADMINISTRATIVE APPROVAL TO:

INJECT FLUID INTO CONVERTED

ENHANCED RECOVERY INJECTION WELLS:

LOCATED IN SECTIONS 6, 7, & 8,

TOWNSHIP 41 SOUTH, RANGE 24 EAST;

AND SECTION 1, TOWNSHIP 41 SOUTH,

RANGE 23 EAST, S.L.M., SAN JUAN:

COUNTY, UTAH

---00000---

THE STATE OF UTAH TO ALL INTERESTED PARTIES IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that Phillips Petroleum Company, P.O. Box 2920, Casper, Wyoming, 82602 has requested administrative approval from the Division to convert the following listed wells to enhanced recovery water injection wells:

RATHERFORD UNIT

Injection Interval: Desert Creek 5,479' to 5,929' Maximum Estimated Surface Pressure: 3000 psig Maximum Estimated Water Injection Rate: 500 BWPD

Approval of this application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections, if any, should be mailed to the Division of Oil, Gas and Mining, Attention: UIC Program Manager, 355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Utah 84180-1203.

DATED this 13th day of March, 1986.

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

CAUSE NO. UIC-079

MARJORIE L. ANDERSON
Administrative Assistant

STATE OF UTAH DIVISION OF OIL, GAS, AND MINING **ROOM 4241 STATE OFFICE BUILDING** SALT LAKE CITY, UTAH 84114 (801) 533-5771

(Revised 1982)

FORM NO. DOGM-UIC-1

IN THE MATTER OF		(RULE				
Phillips Per	THE APPLICAT		_	NUSE NO	C-3 (B)	
ADDRESS P. O.						
Casper, WY		ZIP 82602		NCED DECOVE	DV 1811 14/20	271
	_	CORPORATION	. I I I I I I I I I I I I I I I I I I I	INCED RECOVE DSAL WELL	KT INJ. WEL	
FOR ADMINISTRATI			LP G	S STORAGE	- 1 4\	
INJECT FLUID INTO	THE		E (EXI2)	ING WELL (RUL	E (-4)	
SEC TV		_ RANGE <u></u> COUNTY, UTAH		- 		 •
		COUNTY OTAL	•	Rolar to	61 5 1 4	"il="-
				fra atte	eeb on ence	1
		AP	PLICATION			, ,
		and shows the Co				- 40
	ule I-> (g) (IV) ge operations.	authorizes adminis	itrative approv	al of enhanced	rcovery injec	tions, dispose
		bmits the following	g information			
Lease Name		Well No. /	field		County	
Ratherford Un	nit	7w34		er Aneth -	San Ju	an
Location of Enhanced Re Injection or Disposal We	ecovery 11/34	/	7	Two. 41.		//
Injection or Disposal We New Well To Be Drilled		Old Well To Be Conve		Casing Test		Rge. 2 7
Yes No	_	Yes D			a □ No ☑ De	ite
Depth-Base Lowest Kno	wn Wingate	Does Injection Zone C	Contain		Sta	te What
Fresh Water Within ½ A	Mile <u>1550</u> '	Oil-Gas-Fresh Water	Within ½ Mile Y	S 🖾 NO 🗆	0i	1 & Gas
Location of Desert			Geologic Name	(s) Desert	Creek (5	1840)
Injection Source(s)	& II/ San	Juan River	and Depth of	San Jus	an River	(Surface)
Geologic Name of $D\epsilon$	esert Creek	c Zone I	Depth of Injection	90 10 592	9	
a. Top of the Perforated	d Interval:	b. Base of Fresh		c. Intervening Th	ickness (a minu	b) 1/230
			a protected S	ee previous	Lv submit	<u> </u>
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		=	•	
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Is the intervening thick without additional date Lithology of Intervening Injection Rates and Pres	g Zones See	Maximum	bmitted ma 500 d approxim	terial, atta	chment #	
Is the intervening thicky without additional date Lithology of Intervening Injection Rates and President The Names and Address Navajo Tribe,	g Zones See ssures sses of Those to Wi	Maximum Not to exceed hom Notice of Application Dept., P. O. I	bmitted ma 500 d approximate on Should be Sent	terial, atta ately 3000 Indow Rock.	achment #8/D81 AZ 86515	1
Is the intervening thick without additional date Lithology of Intervening Injection Rates and President The Names and Address Navajo Tribe, Mobil Oil Cor	g Zones See ssures sses of Those to W , Minerals rp. Attn; J	Maximum Not to exceed hem Notice of Application Dept., P. O. Holint Interest	500 d approximation Should be Sent Box 146, Wand Advisor P	terial, atta ately 3000 Indow Rock.	achment #8/D81 AZ 86515	1
Is the intervening thick without additional date Lithology of Intervening Injection Rates and President The Names and Address Navajo Tribe, Mobil Oil Cor	g Zones See ssures sses of Those to W , Minerals rp. Attn; J	Maximum Not to exceed hom Notice of Application Dept., P. O. I	500 d approximation Should be Sent Box 146, Wand Advisor P	terial, atta ately 3000 Indow Rock.	achment #8/D81 AZ 86515	1
Is the intervening thick without additional date Lithology of Intervening Injection Rates and President The Names and Address Navajo Tribe, Mobil Oil Cor	g Zones See ssures sses of Those to W , Minerals rp. Attn; J	Maximum Not to exceed hem Notice of Application Dept., P. O. Holint Interest	500 d approximation Should be Sent Box 146, Wand Advisor P	terial, atta ately 3000 Indow Rock.	achment #8/D81 AZ 86515	1
Is the intervening thick without additional date Lithology of Intervening Injection Rates and President The Names and Address Navajo Tribe, Mobil Oil Cor Texaco Inc.,	g Zones See ssures sses of Those to W , Minerals rp. Attn; J	Maximum Not to exceed hem Notice of Application Dept., P. O. Holint Interest	bmitted ma 500 d approximation Should be Sent Box 146, Wand Advisor P CO 80201	terial, attantely 3000. indow Rock. O. Box 544	AZ 86515	CO 8021
Is the intervening thick without additional date Lithology of Intervening Injection Rates and President The Names and Address Navajo Tribe, Mobil Oil Cor	g Zones See ssures sses of Those to W , Minerals rp. Attn; J	Maximum Not to exceed hem Notice of Application Dept., P. O. Holint Interest	bmitted ma 500 d approximation Should be Sent Box 146, Wand Advisor P CO 80201	terial, attantely 3000 . Indow Rock O. Box 544	AZ 86515 4 Denver	CO 8021
Is the intervening thicky without additional date Lithology of Intervening Injection Rates and President Navajo Tribe, Mobil Oil Cor Texaco Inc., State of Wyoming County of Natrona	g Zones See ssures sses of Those to Wi , Minerals rp. Attn; J P. O. Box	Maximum Not to exceed hem Notice of Application Dept., P. O. I oint Interest 2100, Denver,	500 d approximates Should be Sent Box 146, Washington P CO 80201	terial, attanted to the stelly 3000	AZ 86515 4 Denver	CO 8021
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INSTRUCTIONS

- 1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitive analysis of the injection formation of water.
- 2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
- 3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
 - 4. Attach Electric or Radioactivity Log of Subject well (if released).
- 5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
- 6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
- 7. The Division is required to send notice of application to he surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehole within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
- 8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
- 9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
- 10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
 - 11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
- 12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface 32.75#	103/4"	937'	450sx	Surface	Returns
Intermediate	none				
Production $20^{\pm}/23^{\pm}$	7"	60591	9003X	3454'	Temp. Suevey
Tubing	2-3/8 or 2-		Name Baker type AB		f Tubing Packer (5740'
PB Total Depth Geold 5945 Dese	ogic Name - Inj. rt Creek Zon	Zone Dept	h - Top of Inj. Inte 584	erval Depti	n - Base of Inj. Interval

LOCATION: SUDE JE	C1-1415- C64E	WI COMPLETION: injector/
FIELD: GREATER AN RESERVOIR: Desert	TH	ESENT STATUS: Conversion
RESERVOIR: Desert	Threek Cone -	
PKB 5060	1	SURFACE CASING: 1034" 32.75# H-40
GL 5049'	3511	37.75 H-40
Well # 7W34	(8)	
10011	(6)	· [6]
	(4)	
		100 m //
		PRODUCTION CASING: 7" 20#/23# N-80 /J-55
	937	PRODUCTION CASING! 1-55
	191	
PERFORATIONS!		
5840-50		
5866-93		
<i>5899-5903</i>		
5914-29		
	(
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	(
)	PACKER: Baker model AB
)	Tension Type Pkr or Jimilar
		PACKER: Baker model AB Tension Type Phrox Similar Set at 5740'
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Dam. 5445!		i }
РВТD: <u>5945'</u> ОТD: <u>6067'</u>		
OTO: WOO!	60591	
	0001	
		Phillips Petroleum Company

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(Formerly 9-331) DEPARTI	UNITED STATES MELL OF THE INTERIO	OUBMIT IN TRIPLICATES (Other Instruction Proceeds)	Budg Expi 8. LEAGE 1 14-2	r approved. get Bureau No. 1004-013 res August 31, 1985 RESIGNATION AND SERIAL NO. 0-603-368
SUNDRY NOT	ICES AND REPORTS OF	N WELLS the to a different reservoir.	NAVA	
OIL OIL OFFER	Water Injector			A100
2. FAMB OF OPSBATOR			S. PARK OF	-4192 LEASO NAME
Phillips Petroleum Co	Hilpany		Rath	erford Unit
P.O. Box 2920, Caspe			7W34	-
4. LOCATION OF WELL (Report location of See also space 17 below.) At surface			Grea	ter Aneth
710' FSL, 2003' FEL	SW SE		II. sac., t.	A. H., GE BER. AND MY OR ARMA
API# 43-037-15989	15. SLEVATIONS (Show whether ac. at			7-T41S-R24E
11. F=0H12 PV.	5060' RKB	(, tal., 462.)	San (Juan Utah
16. Check An	propriate Box To Indicate Nat	um of Notice Report or Ot		Juan Juan
MOZICE OF INTENT		• •	FT REPORT	, [*]
PRACTURE TREAT	CILL OR ALTER CASING	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACTIVISHE	4	PANDON MENTS.
REPAIR WELL CI	HANGE PLANS	(Other) Convert to wa (Nors: Report results of Completion or Recomplet		
MI WS 9/13/86. Set not hold. Set retai injection 4-1/2 BPM 5872-93', 5899-5903,	cmt retainer at 5935'. ner at 5750'. Sqzd w/ at 1800 psi. Drld cm and 5912-22'. Acidiz et at 5752'. RR 9/30/	Sqzd w/30 sx cmt. 26 sx cmt below reta- t to 5930'. Perfora- ed w/8400 gal 28% HCl	iner. ted 5840 Ran	Established 0-50', 5866-71', 7" pkr and
Product	ion Before 13 BOPD, on After 114 BWPD			
RECEIVED				•.
AUG 4 1987				
DIVISION OF OIL GAS & MINING		4-BLM, Farmington 24Utah 0&G CC, SI 1-M. Williams, B 1-J. Landrum, Den 1-J. Reno, Corte	C, UT Ville over	1-Mobil Oil
8. I hereby certify that the foregoing is to	rue and correct TITLE Area	Manager	P .4	7/27/87
(This space for Federal or State effice to APPROVED BY CONDITIONS OF APPROVAL, IF ANY	TITLE	MINATI	DATE _	

	DEPARTM	INITED STAT IE OF THE I OF LAND MAN	INTERIO	SUBMIT IN TRIPL (Other instructions verse side)	08 te -	Expires August 5. LEASS DESIGNATION	
SUNI (Do not use this)	DRY NOTIC	CES AND REA	PORTS ON	WELLS to a different reservois	- 1	SW-I-4192	OR TRIBS HAMS
	Use "APPLICAT	TON FOR PERMIT	ier sees propo			7. UNST AGREEMENT NAI	
O(L	٠	LIATED THIECT	TONI C LIAMI	TO CHOOLY HOLE	i	ATHERFORD UNI	
WELL WELL L	OTHER	WAIER INJECT	TON & WALL	ER SUPPLY WELL		B. PARM OR LEASE HAM	
PHILLIPS PETR	OT TOTAL COMP	ANV				or your on these had	•
ADDRESS OF OPERATOR	OLEON COM	ANI). WELL NO.	
152 N. DURBIN	2ND FT 00	D CACDED W	VOMING 9/	DESTEDENCE TO A	2	VARIOUS (see	attached)
i. LOCATION OF WELL (Re See also space 17 below At surface	port location ele					GREATER AND	WILDCAT
SEE A	ATTACHED		M.	AR 20 1989		11. sBC., T., B., W., OR BY SURVEY OR AREA Sections 1	·n
				<u> </u>		T41S - R23E	&~24E
4. PERMIT NO.		15. BLEVATIONS (Shor	wbether DF, RT,	CHO & MINING		San Juan	18. STATE Utah
6.	Check App	ropriate Box To 1	ndicate Natu	re of Notice, Repo	t. or Oth	er Data	
ж	OTICE OF INTENTI	-			•	T REPORT OF:	
TEST WATER SHUT-OFF	PC	LL OR ALTER CASING		WATER SHUT-OFF		BBPAIRING WI	
PRACTURE TREAT	<u> </u>	LTIPLE COMPLETE		PRACTURE TREATMEN	, -	ALTERING CAR	<u> </u>
SHOOT OR ACIDIZE	AB	ANDON*		SHOOTING OR ACIDIS	NG T	ABANDONMENT	
REPAIR WELL	СН	ANGE PLANE		(Other) CHANGE	OF OWN		xx
(Other)				(Note: Report	results of	multiple completion or on Report and Log form	Weil
				attached sheet ctive August l			
(for	mer Opera	tor - Phillip	s Oil Com	pany)			t •
						· .	
<i>:</i>		•					
						,	
	•						
	•			•			
3	·					M, Farmington, ah O&G CC. SLC	
413-246-7	,					ah O&G CC, SLC	
3. I hereby certify that th	ne foregoing is to	rue and correct	TLE Distr	ict Superinten	2 <u>L Ut</u> 1 - Fi	ah O&G CC, SLC	, UT
3. I hereby certify that th	e foregoing is to	rue and correct	rLE Distr	· · · · · · · · · · · · · · · · · · ·	2 <u>L Ut</u> 1 - Fi	ah O&G CC, SLC	, UT
8. I hereby certify that the	e foregoing is to	rue and correct Ti	TLE Distr	· · · · · · · · · · · · · · · · · · ·	2 <u>L Ut</u> 1 - Fi	ah O&G CC, SLC	, UT

*See Instructions on Reverse Side

BURE	UNIOD STATES MENT OF THE INTER AU OF LAND MANAGEMEN	OR verse side)	Expires August Expires August LEASE PESIONATION 14-20-603-36 E. IF INDIAN, ALLOTTE	68
SUNDRY NOT USE TO STATE TO STATE TO STATE TO STATE TO STATE THE STATE TO STATE THE STATE TO STATE THE STAT	TICES AND REPORTS Phalis to drill or to despen or plug ATION FOR PERMIT—" for outs."	ON WELLS hack to a different reservoir. roposals.	Navajo	
1.			5W-I-4192	TAR
OIL WELL OTHER	Water Injector	4DD 40 4000 PP	8. FARM OR LEASE NA	
Phillips Petroleum Comp	nany	APR 19 1990 😅	Ratherford I	Unit
3. ADDRESS OF OPERATOR	<u> </u>	DANSKAP	7W34	
P. O. Box 1150, Cortez, Location of well (Report location See also space 17 below.) At surface	clearly and in accordance with any	Charles and the control of the contr	Greater Anet	th
710' FSL & 2003' FEL, S	SW SE .		Sec. 7-T41S-	-R24E
	I IS. BLEVATIONS (Show whether D	P, 27, GR, 6(A.)	12. COUNTY OR PARIS	E 18. STATE
14. PREMIT NO. 43-037-15989	5060' RKB	·	San Juan	Utah
16. Check A	Appropriate Box To Indicate I		Other Data	
NOTICE OF INT		ſ	REPAIRING	WELL
TEST WATER SEUT-OFF	PCLL OR ALTER CASING	WATER SHUT-OFF PRACTURE TREATMENT	ALTERING	-
PRACTURE TREAT	MULTIPLE COMPLETS	SECOTING OR ACIDISING	ABANDONM	
SHOOT OR ACIDIES	CHANGE PLANS	(Other) Clean out	well - UIC Tes	X X
(Other) 17. DESCRIBE PROPUSED OR COMPLETED O proposed work. If well is directly the complete of the complete	. [_]	Completion of Recol	DINSCOOR WEDGER SHA TAR N	*·
March 26, 1990 Through MI & RU well service upkr. GIH w/6-1/4" bit out well to 5911' (coupkr w/on-off tool and Set pkr at 5765'. Disc WA-840 Well Chem. Engapsi for 45 min for UIC and return well to injoin	March 28, 1990 nit 3/26/90. ND WH, , 7" csg scraper, 7" ld not go farther). 178 jts 2-3/8" Rice dengaged on-off tool. aged on-off tool. ND test. Hooked up wel	NU BOP. Rel 7" pkr brush & 2-3/8" works COOH w/workstring. uolined tbg, testing Pumped 211 bbls wtr BOP, NU WH. Pressu	& COOH w/inj tb string. Drld & GIH w/7" Baker g tbg to 3000 ps containing 1 d ared annulus to	g & cleaned Lok-set i. OK. rum 1040
Distribution: 5 - BLM, Farmington 2 - Utah O&GCC 1 - EPA, Denver 1 - N. Anstine 1 - V. S. Shaw 1 - S. H. Oden 1 - P. J. Konkel	<pre>1 - Chieftain 1 - Mobil Oil 1 - Texaco, Inc. 1 - Chevron 1 - PPCo, Houston 1 - PPCo, Cortez,</pre>	UIC GLH DJJ BGH COMPUTER MICROFILM RCFILE	2-TAS 3. MICROFILM	SLS SLS
18. I hereby certify that the foregoing	is true and correct	atriat Superintender		11 9, 1990
S. H. Oden	de title Di	strict Superintender	nt DATE Apr	
(This space for Federal or State of	TITLE		DATE	
CONDITIONS OF APPROVAL, IS				

Form 3160-5 (June 1990)

UNITED STATES MENT OF THE INTERIOR OF LAND MANAGEMENT

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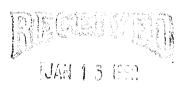
FORM APPROVED Budget Burcas No. 1004-0135 Expires: March 31, 1993

5. Lense Designation and Serial No

14-20-603-368 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian. Allones or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals Navajo Tribal 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE Ratherford Unit SW-I-4192 1. Type of Well 8. Well Name and No. Oil Well X Other Injection Ratherford Unit #7W34 2. Name of Operator 9. API Well No. Phillips Petroleum Company 43-037-15989 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area 5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Greater Aneth Unit 0, 710' FSL & 2003' FEL · 11. County or Parish, State Sec. 7, T41S, R24E San Juan, Utah CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Abandonment Notice of Intent Recompletion **New Construction** Nos-Routine Fracturing Plugging Back __ Subsequent Report Waser Shut-Off Casing Repair Altering Casing Conversion to Injection Final Abandonment Notice Other Acidized Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form | 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled. give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

12-4-91 thru 12-6-91

MI & RU Halliburton. Acidized perforations 5840'-5926' w/8000 gals 20% HCl. RU CUDD Pressure Control coil tbg unit & N_2 unit. Jetted well w/N2 and recovered 264 bbls (total load) plus 30 bbls. RD CUDD and returned well to injection.



DIVISION OF OIL GAS & MINING

(This space for Foderal or State office use) Approved by	Date	·
14. I hereby certify that the foregoing is true and correct Signed Title ST.	Drlg. & Prod. Engr. Det 1-8-92	

Title 18 U.S.C. Section 1001, makes it a crime for may person knowingly and willfully to make to any department or agency of the United Section may false, fictitious or fraudulent statements r representations at to any matter within its jarisdiction

Form 3160-5 (June 1990)

NITED STATES MENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

	B.	dget	Bure	au i	io.	1004-	0135
		Expir	res:	Mai	ch i	1, 199	3
5.	Lease	Desig	patie	00 8	nd S	Serial	No.

FORM APPROVED

14-20-603-368 6. If Indian, Allottee or Tribe Name

Change of Plans

New Construction

Non-Routine Fracturing

SUNDRY NOT	ICES AND	REPORTS	ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT—" for suc	h proposals Navajo Tribal
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation Ratherford Unit
1. Type of Well	SW-I-4192
Other Water Injection	8. Well Name and No.
2. Name of Operator	Ratherford Unit #7W34
Phillips Petroleum Company	9. API Well No.
3. Address and Telephone No.	43-037-13 989
5525 Hwy 64 NBU 3004, Farmington, NM 87401 (505) 599-3412 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Greater Aneth
Unit O, 710' FSL & 2003' FEL	11. County or Parish, State
Sec. 7, T41S, R24E	San Juan, Utah
12. CHECK APPROPRIATE BOX(s) TO INDICATE NA	TURE OF NOTICE, REPORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION

Casing Repair Water Shut-Off Final Abandonment Notice Altering Casing Conversion to Injection Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form)

Abandonment

Recompletion

Plugging Back

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled. give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

4-15-92 thru 4-20-92

Notice of Intent

Subsequent Report

MI & RU equipment. ND WH and NU BOP. COOH w/injection tbg. Cleaned out to PBTD of 5930'. Circulated well clean. Pmpd 210 bbls H20 w/l drum WA-840 for pkr fluid. ND BOP and NU WH. Tested annulus to 1150 psi for 45 min for MIT - okay. Returned well to injection.

DIVISION OF OIL GAS & MINING

Signed L. E. Linnau.	Title Sr. Drlg. & Prod. Engr.	Date
(This space for Federal or State office use)		
Approved by Conditions of approval, if any:	_ Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

STATE OF UTAH DIVISION OF OIL, GAS AND MINING

Page 1 of 10

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

AUG 1 6 1993

N0772

P J KONKEL
PHILLIPS PETROLEUM COMPANY

06 1 9 1333

REPORT PERIOD (MONTH/YEAR)

6 / 93

5525 HWY 64 NBU 3004 FARMINGTON NM 87401

DIVISION OF

OIL, GAS & MININGMENDED REPORT [(Highlight Changes)

Well Name	Producing	Well	Days		Production Volumes	
API Number Entity Location	Zone	Status	Oper	OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23 4303713754 06280 41S 24E 21 #3-44	DSCR	POW	29	1374	883	58
4303715031 06280 415 24E 3	DSCR	POW	30	111	94	2905
#3-14 4303715124 06280 415 24E 3	DSCR	POW	30	67	23	302
#9-12 4303715126 06280 415 24E 9	DSCR	POW	30	112	654	17363
#9-14 4303715127 06280 415 24E 9	DSCR	POW	30	201	315	423
#28-12 4303715336 06280 415 24E 28	PRDX	POW	29	112	4 7	2428
#29-12 4303715337 06280 415 24E 29	PRDX	POW	29	56	0	672
#29-32 4303715339 06280 41S 24E 29	DSCR	POW	29	1402	287	2224
#29-34 4303715340 06280 415 2 4E 29	DSCR	Pow	29	757	48	0
#30-32 4303715342 06280 415 24E 30	DSCR	POW	29	588	1049	3744
#3-12 4303715620 06280 41S 24E 3	DSCR	POW	30	268	11	363
#9-34 4303715711 06280 415 24E 9	DSCR	POW	30	45	46	9800
#10-12 4303715712 06280 41S 24E 10	DSCR	POW	30	45	23	1088
			TOTALS	5138	3480	41370

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the

Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box

633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

Pat Konkel

Telephone Number: 505 599-3452

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	•,
	FORM/11
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	(/)

STATE OF UTAH /ISION OF OIL, GAS AND MINING

Page 1	of _	1
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4			•	VISION OF	JIL, GAS AIN	D Minutes			Page 1 of 1
		MON	THLY O	IL AND	GAS DI	SPOSITIO	N REPOR	Γ	
	BRHAN	NAME AND Sheft	FIELD 10BIL 1074 RENTWI 1221-9031		WER G., Co. 81=	repor	ACCOUNT NUMBERT PERIOD (MONTE	H/YEAR):	7 / 93
			X	93100le uj	dated fee				
ENTITY	PRODUCT	GRAVITY	BEGINNING	VOLUME		DISPOSIT	ions		ENDING
NUMBER		BTU	INVENTORY	PRODUCED	TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	INVENTORY
	OIL			177609	177609	0		-	
05980	GAS			· ·	66216	5885			
<u>:</u>	OIL							•	
11174	GAS	 							
	OIL								
	GAS								
	OIL								
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STATE OF UTAH DIVISION OF OIL, GAS AND MINING

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Sept 29, 1993

To: Lisha Cordova-Utah Mining Oil & Gasice Casley BLM Farmington, NM 505 599-6355

Here is copy of Ratherford Unit Successor Operator.

4 pages including this one.

file ratherford Unit (GC)

PICEIVED BLM

Navajo Area Office P. O. Box 1060 Gallup, New Mexico 87305-1060 7 "". 27 ATH: 44

070 Freinmeton, NM

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Mr. G. D. Cox Mobil Exploration and Producing North America, Inc. P. O. Box 633 Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Ratherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,

Alizaremore

ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc. TNN, Director, Minerals Department w/enc.

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF INDIAN AFFAIRS

PECEIVED BLM

DESIGNATION OF OPERATOR

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit,

AREA OFFICE: Window Rock, Arizona LEASE NO: Attached hereto as Exhibit "A"

070 FARMINGTON, NM

and, pursuant to the terms of the Ratherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Ratherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702

Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Ratherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number <u>05202782</u> (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Ratherford Unit.

June / / , 1993

Phillips Petroleum Company

y: Attornous in I

Mobil Exploration and Producing

North America Inc.

June // , 1993

Carly The The

AREA DIRECTOR

DATE

APPROVED BY

TIT

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3. This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require

OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 1992) SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

Tract Number	Description of Land	Serial Number and Effective Date of Lease	Tract Percentage Participation
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.H. San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March J, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-5, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	.4667669
6	NW/4 of Sec. 9, T-41-5, R-24-E, S.L.H., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-5, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.M. San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-5, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-S, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13 -	W/2 Section 14, T-41-5, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26,1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-5, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
78	NW/4 Sec. 3, T-41-5, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	.5482788
19	NE/4 Sec. 4, T-41-5, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to: [] Well File (Location) SecTwpRng (API No.)	$\underline{\hspace{1cm}}$ (10 - initials) $\underline{\hspace{1cm}}$	XXX Other OPERATOR CHANGE
1. Date of Phone Call:10-6-93	- Time:9	0:30
2. DOGM Employee (name)L Talked to: NameGLEN COX of (Company/Organization)	(Initiated Call []) -]	
3. Topic of Conversation: OPERATO (NEED TO CONFIRM HOW OPERATOR V OR MOBIL OIL CORPORATION AS PER	WANTS THE WELLS SET UP -	- MEPNA AS PEREBIA APPROVAL
4. Highlights of Conversation: MR. COX CONFIRMED THAT THE WELL PER BIA APPROVAL, ALSO CONFIRME BE HANDLED OUT OF THEIR CORTEZ MEPNA- PO DRAWER G CORTEZ, CO 81321 (303)565-2212 *ADDRESS CHANGE AFFECTS ALL WEI REPORTED OUT OF DALLAS (MCELMO	LS SHOULD BE SET UNDER A ED THAT PRODUCTION & DIS OFFICE RATHER THAN DALL LLS CURRENTLY OPERATORED	ACCOUNT N7370/MEPNA AS SPOSITION REPORTS WILL NOW AS.

001 2.5 1995

CL MAR HITH

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number:	
Field or Unit name:RATHERFORD UNIT	API no.
Well location: QQ section townsh	nip range county
Effective Date of Transfer:	
CURRENT OPERATOR	
Transfer approved by:	
Name Ed Hasely	Company Phillips Petroleum Company
Signature El Hasely	Address 5525 HWY. 64
Title Environmental Engineer	Farmington, NM 87401
Date _October 22, 1993	Phone (505) 599-3460
Comments:	
NEW OPERATOR	(
Transfer approved by:	Mobil Exploration & Producing North Americ
Name Shirley Todd	Company
Signature Shuley Soad	Address P 0 Box 633
Title Env. & Reg. Technician	Midland, TX 79702
DateOctober 7, 1993	Phone (915) 688-2585
Comments:	
(State use only) Transfer approved by	Title/IC MANNOER
Approval Date 10-27-93	· ·

Lisha Cordova

(801) 538-5340

BEFORE THE OIL AND GAS COMSERVATION COMMISSION OF THE STATE OF UTAH

APPLICATION OF PHILLE'S FETRICEUM COMPANY FOR THE APPROVAL OF THE UNIT OFFRATIONS AND PRESSURE MAIN- TENANCE PROGRAM FOR THE RATHERFORD UNIT IN THE CREATER AMETH AREA, SAN JUAN COUNTY, UTAH)))	cause no. 63
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ORDER

This Cause came on for hearing before the Oil and Gas Conservation

Commission of the State of Utan at 10 o'clock a. m. on Wednesday, September 13,

1961, in the Crystal Room, Motel Newhouse, Fourth South at Main Street, Salt

Lake City, Utah, pursuant to notice duly and regularly given. The entire Commission, except Walter G. Mann, was present, Edward W. Clyde presiding. Appearances were made as follows: Cecil C. Hamilton, attorney, on behalf of Phillips

Petroleum Company; Clair M. Senior, attorney, on behalf of Texaco, Inc.; Gordon

Mayberry, attorney, on behalf of Continental Oil Company; R. R. Robison on behalf of Shell Oil Company. Others present included Carl Trawick, on behalf of

United States Geological Survey; and J. R. White, on behalf of Texaco, Inc.

Evidence in support of the application was introduced by Phillips

Petroleum Company, the applicant and Unit Operator of the Ratherford Unit,

which embraces as the unit area the following described land in San Juan County,

State of Utah, to wit:

TO MSHIP 41 SOUTH, RANGE 23 EAST, SLEW

Section 1: Section 2: Section 11:	All 3/2 ±/2	Sections 12 and 13: Section 14: Section 24:	3/2 3/2 3/1
<u>T</u> (OWESHIP 41 SOUTH, RANG	GE 24 EAST, SLAM	
Section:3: Section 4:	54/4 5/2	Sections 15 through 21:	All
Sections 5 through	,	Section 22:	NW/4 and
Section 10:	5/2 and 181/4 and 18/2 of 182/4		3W/4
Section 11:	S/2 of SW/4	Section 23:	17.74 and

Section 29 and 30: Section 31:

Section 32:

and 11/2 of 511/

A11

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2. 3. Robison on behalf of shell bil Company stated that (as contemplated by paragraph No. 5 of the Commission's order of February 24, 1959, in Cause No. 17 authorizing the drilling of certain test wells) Shell would submit to the Commission, as arbiter, the question as between Shell and Superior bil Company

Jection 14:

of the monetary value, if any, to be attributed to three test wells drilled within the Ratherford Unit area pursuant to said order of February 24, 1959.

No objection to the granting of the application was filed or expressed. The Shell Oil Company, Texaco, Inc. and Continental Oil Company expressed their support of the application of Phillips Petroleum Company.

FINDINGS OF FACT

The Commission finds that:

- 1. The unitized operation of the Ratherford Unit Area will enable pressure maintenance operations to be initiated and permit such Area to be operated in a manner which will prevent waste, protect correlative rights and result in greater ultimate recovery of oil and gas.
- 2. The Ratherford Unit Agreement has been approved by the various signatory parties as fair, reasonable and acceptable.
- 3. The water injection pressure maintenance program proposed by the applicant appears to be proper and designed to result in the greatest economic recovery of oil and gas to the end that all concerned, including the general public, may realize and enjoy the greatest good from the oil and gas resources of the unitized lands.

ORDBR

THEREFORE, IT IS OTDERED BY THE COMMISSION, and subject to its continuing jurisdiction, that:

- 1. Unit operation of the Ratherford Unit Agreement is approved.
- 2. The plan and program of water injection pressure maintenance operations proposed by applicant in its application filed herein should be and the same is hereby approved and the unit operator is authorized to proceed with and under such plan and program as soon as the Ratherford Unit Agreement becomes effective and operative.
- 3. If, at any time or from time to time, it appears necessary or desirable to the unit operator to alter or modify the hereby approved plan of pressure maintenance, any such alteration or modification shall be submitted for

and shall be subject to approval by the Commission or its delegated representative, which approval may be given without notice or hearing, unless otherwise ordered or directed by the Commission.

Dated this 13th day of September, 1961.

THE OIL AND GAS CONSERVATION COMMISSION OF THE STATE OF UTAH

Edward W. Clyde, Commissioner presiding

C. R. Henderson, Chairman

M. V. Hatch, Commissioner

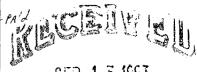
C. S. Thomson, Commissioner

Walter G. Mann, Commissioner

Division of Oil, Gas and Mining OPERATOR CHANGE HORKSHEET Attach all documentation received by the division Initial each listed item when completed. Write N	Routing: 1_VEC/4/7-SA () 2_DPS/S8-AIAF N/A if item is not applicable. Routing: 1_VEC/4/7-SA () 2_DPS/S8-AIAF 3_VLC 4_RJEV
xxx Change of Operator (well sold) ☐ Designation of Operator	□ Designation of Agent 5-10-00
The operator of the well(s) listed belo	ow has changed (EFFECTIVE DATE: <u>7-1-93</u>)
TO (new operator) (address) PO DRAWER G CORTEZ, CO 81321 GLEN COX (915)688-211 phone (303)565-2212 account no. N7370	FARMINGTON, NM 87401 PAT KONKEL phone (505) 599-3452
<pre>Hell(s) (attach additional page if needed):</pre>	*RATHERFORD UNIT (NAVAJO)
Name: **SEE ATTACHED** API:43037 Name: API: Name: API: Name: API: Name: API: Name: API: Name: API: Name: API:	Entity: Sec Twp Rng Lease Type:
operator (Attach to this form).	r <u>legal</u> documentation has been received from <u>new</u> operator
NA 3. The Department of Commerce has b	been contacted if the new operator above is not currently [s company registered with the state? (yes/no) If
(attach Telephone Documentation comments section of this form.	ONLY) The BLM has been contacted regarding this change n Form to this report). Make note of BLM status in Management review of Federal and Indian well operator to completion of steps 5 through 9 below.
listed above. (026 wells 10-6-93)	e Oil and Gas Information System (Wang/IBM) for each well [wiw's 10-26-93]
$\frac{\int e^{\alpha}}{h}$ 6. Cardex file has been updated for	each well listed above. (o'E wells 10-6-93) (w1w's 10-26-93) ed for each well listed above. (o'E wells 10-6-93) (w1w's 10-26-93)
Let 7. Well file labels have been updat	ed for each well listed above. (of 6 wells to b-93) (wiw's 10-26-9:
101 distribution to state Eanos	he monthly "Operator, Address, and Account Changes" memo and the Tax Commission. (10-6-437
fee 9. A folder has been set up for the placed there for reference durin	e Operator Change file, and a copy of this page has been grouting and processing of the original documents.

PERATOR	CHANGE HORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
HTITY	REVIEW
Lee 1.	(Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
<u>N/A</u> 2.	State Lands and the Tax Commission have been notified through normal procedures of entity changes.
30ND V	ERIFICATION (Fee wells only)
tec/1.	(Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2.	A copy of this form has been placed in the new and former operators' bond files.
3.	The former operator has requested a release of liability from their bond (yes/no) Today's date 19 If yes, division response was made by letter dated 19
LEASE	INTEREST OWNER NOTIFICATION RESPONSIBILITY
D(5)	(Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
M/ 2.	Copies of documents have been sent to State Lands for changes involving State leases.
FILMIN	G
<u>~</u> 1.	All attachments to this form have been microfilmed. Date:
FILING	
Lec 1.	Copies of all attachments to this form have been filed in each well file.
<u> / 2</u> .	The <u>original</u> of this form and the <u>original</u> attachments have been filed in the Operator Change file.
COMMEN	TS
_ 931	cole BIA/Blm Approved 7-9-93.
E71/3	4–35

WELL #	API#	LEASE #	SEC., T, R	LOCATION OF WELL
61W-13	43-037-15838	14-20-603-246A	SEC. 1, T41S, R23E	NW/SW 1980 FSL; 660 FWL
01-14	43-037-31162	14-20-603-246A	SEC. 1, T41S, R23E	SW/SW 660 FSL; 660 FWL
01W-24	43-037-15839	14-20-603-246	SEC. 1, T41S, R23E	SE/SW 651 FSL; 3300 FEL
61-34	43-037-16385	14-20-603-246A	SEC. 1, T41S, R23E	SW/SE 4147 FNL; 1980 FEL
ิ์ ปี1W-44	43-037-15840	14-20-603-246A	SEC. 1, T41S, R23E	660 FSL; 661 FEL
∕02W-44 ⁻	43-037-16386	14-20-603-246A	SEC. 2, T41S, R23E	SE/SE 810 FNL; 5110' FWL
03-14	43-037-15124	14-20-603-5445	SEC. 3, T41S, R24E	660 FSL; 660 FEL
1 03-12	43-037-15620	14-20-603-6506	SEC. 3, T41S, R24E	SW/NW 2140 FNL; 660 FWL
	43-037-16388	14-20-603-6505	SEC. 3, T41S, R24E	SW/NE 1980 FNL; 660 FEL
03-44	43-037-15031	14-20-603-6504	SEC. 3, T41S, R24E	520 FSL; 820 FEL
04-14	43-037-16163	14-20-603-5446	SEC. 4, T41S, R24E	500 FSL; 600 FEL
04-34	43-037-16164	14-20-603-4035	SEC. 4, T41S, R24E	660 FSL; 1980 FEL
05-34	43-037-15983	14-20-603-368	SEC. 5, T41S, R24E	SW/SE 612 FSL; 1990 FEL
05W-43_	43-037-16392	14-20-603-368	SEC. 5, T41S, R24E	1400 FSL; 990 FEL
	43-037-15984	14-20-603-368	SEC. 6, T41S, R24E	SW/SW 660; FSL; 660 FWL
	43-037-16393	14-20-603-368	SEC. 6, T41S, R24E	1830 FSL; 1895 FWL
<u>07-11</u>	43-037-31163	14-20-603-368	SEC. 7, T41S, R24E	NW/NW 660 FNL; 710 FWL
	43-037-15985	14-20-603-368	SEC. 7, T41S, R24E	SW/NW 2140 FNL; 585 FWL
07-13	43-037-31164	14-20-603-368	SEC. 7, T41S, R24E	NW/SW 2110 FSL; 740 FWL
	43-037-15986	14-20-603-368	SEC. 7, T41S, R24E	SW/SW 1065 FSL; 660 FWL
	43-037-16394	14-20-603-368	SEC. 7, T41S, R24E	710 FNL; 1820 FWL SE/NW 1980 FNL; 1980 FWL
67-22	43-037-31165	14-20-603-368	SEC. 7, T41S, R24E	
	43-037-15987	14-20-603-368	SEC. 7, T41S, R24E	NE/SW 1980 FSL 1980 FWL
07-24	43-037-31166	14-20-603-368	SEC. 7, T41S, R24E	SE/SW 880 FSL; 2414 FWL SW/NE 1980 FNL; 1980 FEL
	43-037-15988	14-20-603-368	SEC. 7, T41S, R23E	
07-33	43-037-31167	14-20-603-368	SEC. 7, T41S, R24E	NW/SE 2105 FSL; 1876 FEL
07W-34**	43-037-15989	14-20-603-368	SEC. 7, T41S, R24E	710 FSL; 2003 FEL
	43-037-15990	14-20-603-368	SEC. 7, T41S, R24E	NE/NE 585 FNL; 770 FEL 2110 FSL; 660 FEL
	43-037-16395	14-20-603-368	SEC. 7, T41S, R24E	
07-44	43-037-31189	14-20-603-368	SEC. 7, T41S, R24E	SE/SE 737 FSL; 555 FEL SW/NW 1909 FNL; 520 FWL
08-12	43-037-15991 43-037-15992	14-20-603-368	SEC. 8, T41S, R24E	745 FSL; 575 FWL
08-21	43-037-15192	14-20-603-368 14-20-603-368	SEC. 8, T41S, R24E SEC. 8, T41S, R24E	616 FNL; 1911 FWL
08-21	43-037-15994	14-20-603-368	SEC. 8, T415, R24E	NE/NW 1920 FSL; 2055 FWL
08-23	43-037-15995	14-20-603-368	SEC. 8, T41S, R24E	SW/NE 1980 FNL; 1980 FEL
08-32	43-037-15996	14-20-603-368	SEC. 8, T41S, R24E	SW/SE 660 FSL; 1980 FEL
08-41	43-037-15997	14-20-603-368	SEC. 8, T41S, R24E	NE/NE 660 FNL; 660 FEL
	43-037-16396	14-20-603-368	SEC. 8, T41S, R24E	1980 FSL; 660 FEL
	43-037-16398	14-20-603-5046	SEC. 9, T41S, R24E	NW/SE 1980 FSL; 1980 FWL
09-12	43-037-15126	14-20-603-5045	SEC. 9, T41S, R24E	1865 FNL; 780 FWL
	43-037-16397	14-20-603-5045	SEC. 9, T41S, R24E	660 FNL; 2080 FWL
09-14A	43-037-15127	14-20-603-5046	SEC. 9, T41S, R24E	710 FSL; 660 FWL
09-32	43-037-16165	14-20-603-4035	SEC. 9, T41S, R24E	1980 FNL; 1980 FEL
09W-41	43-037-16399	14-20-603-4035	SEC. 9, T41S, R24E	660 FNL; 660 FEL
	43-037-16400	14-20-603-4043	SEC. 9, T41S, R24E	1980 FSL; 660 FEL
	43-037-16402	14-20-603-4043	SEC. 10, T41S, R24E	1980 FSL; 1980 FWL
10-14	43-037-15713	14-20-603-4043	SEC. 10, T41S, R24E	510 FSL; 710 FWL
10-12	43-037-15712	14-20-603-4043	SEC. 10, T41S, R24E	660 FWL; 1980 FNL
10W-21	43-037-16401	14-20-603-4043	SEC. 10, T41S, R24E	810 FNL; 1980 FWL
10-34	43-037-16166	14-20-603-4037	SEC. 10, T41S, R24E	620 FSL; 1860 FEL
10W-43		14-20-603-4037	SEC. 10, T41S, R24E	1980 FSL; 550 FEL
11-41	43-037-31544	14-20-603-246A	SEC. 11, T41S, R23E	NE/NE 860 FNL; 350 FEL
11-42W	43-037-15841	14-20-603-246	SEC. 11, T41S, R23E	3290 FNL; 4617 FEL
11-43	43-037-31622	14-20-603-246A	SEC. 11, T41S, R23E	1980 FSL; 660 FEL
11W-44	43-037-15842	14-20-603-246A	SEC. 11, T41S, R23E	SE/SE 660 FSL; 558 FEL
12W-11	43-037-15843	14-20-603-246A	SEC. 12, T41S, R23E	NW/NW 678 FNL; 4620 FEL
12-12	43-037-31190	14-20-603-246A	SEC. 12, T41S, R23E	SW/NW 1850 FNL; 660 FWL
12W-13	43-037-16404	14-20-603-246A	SEC. 12, T41S, R23E	1980 FSL; 4620 FEL
12-14	43-037-15844	NA	SEC. 12, T41S, R23E	660 FNL; 4622 FWL
12-21	43-037-31201	14-20-603-246A	SEC. 12, T41S, R23E	NE/NW 660 FNL; 1980 FWL
12W-22	43-037-15845	14-20-603-246	SEC. 12, T41S, R23E	NA
12-23	43-037-15846	14-20-603-246A	SEC. 12, T41S, R23E	1958 FNL; 3300 FWL
12W-24	43-037-31151	14-20-603-246A	SEC. 12, T41S, R23E	775 FSL; 1980
12-32	43-037-31203	14-20-603-246A	SEC. 12, T41S, R23E	SW/NE 1820 FNL; 1820 FEL
12W-33	43-037-15848	14-20-603-246A	SEC. 12, T41S, R23E	NW/SE 1957 FSL; 1981 FEL
12-34	43-037-31126	14-20-603-246A	SEC. 12, T41S, R23E	SW/SE 675 FSL; 1905 FEL
12-41	43-037-15849	14-20-603-246A	SEC. 12, T41S, R23E	656 FNL; 660 FEL
12W-42	43-037-15850	14-20-603-246A	SEC. 12, T41S, R23E	3275 FSL; 662 FEL



SEP 1 5 1993

DIVISION OF PALDIL, GAS & MINING rald

PAID PAId

-14-20-603-246 SENW 1920 FNL 2080 FWL

Division of Oil, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Rou	Well File Rng (API No.)	(Return Date) (To - Initials)	OPER NM CHG
1.	Date of Phone Call: 8-3-95	Time:	
2.	DOGM Employee (name) L. Co Talked to: Name R. J. FIRTH of (Company/Organization)	_ (Initiated Call 🗱) – Pl	none No. ()
3.		N A / N7370	,
4.	Highlights of Conversation: OPERATOR NAME IS BEING CHANGED INTO MOBIL EXPINANT THIS TIME TO ALLEVIATE CONFUSION *SUPERIOR OIL COMPANY MERGED INTO	FROM M E P N A (MOBIL EX LOR & PROD. THE NAME CH	PLORATION AND PRODUCING ANGE IS BEING DONE AT ONGST THE GENERAL PUBLIC.

	on of Oil, Gas and Mining TOR CHANGE WORKSHEET				Rouding
	all documentation received by the division regar each listed item when completed. Write N/A if	- '-	able.		1-LEC 7-PL / 2-LWP 8-SJ / 3-PES 9-FILE 4-VLC
□ Cha □ Des	nge of Operator (well sold) ignation of Operator	Designation of Operator Name (Agent Change Only	/	5-RJF 6-LWP
	perator of the well(s) listed below has			0.00)
TO (ne	ew operator) MOBIL EXPLOR & PROD (address) C/O MOBIL OIL CORP PO DRAWER G CORTEZ CO 81321 phone (303) 564-5212 account no. N7370	FROM (former		M E P N A C/O MOBIL O PO DRAWER G CORTEZ CO phone (303 account no.	81321) 564–5212
Hell(s	(attach additional page if needed):				
Name: Name: Name: Name: Name:	** SEE ATTACHED ** API:	Entity: Entity: Entity: Entity: Entity:	SecTwr SecTwr SecTwr SecTwr SecTwr	oRng Lo oRng Lo oRng Lo oRng Lo	ease Type:ease Type:ease Type:ease Type:ease Type:ease Type:
N/A 1.	OR CHANGE DOCUMENTATION (Rule R615-8-10) Sundry or other <u>le</u> operator (Attach to this form). (Rule R615-8-10) Sundry or other <u>legal</u> (Attach to this form).				
	The Department of Commerce has been cooperating any wells in Utah. Is compyes, show company file number:	oany registered 	with the	state? (yes	/no) If
	(For Indian and Federal Hells ONLY) (attach Telephone Documentation Form comments section of this form. Managehanges should take place prior to company to the company of t	gement review o	f Federal	and Indian	well operator
Le 5.	Changes have been entered in the Oil a listed above. $(8-3-95)$	and Gas Informat	tion System	m (Wang/IBM)	for each well
\mathcal{V}_{6} .	Cardex file has been updated for each v	well listed abo	ve. 8-31.9	~	
•	Well file labels have been updated for				
ec 8.	Changes have been included on the mont for distribution to State Lands and the	thly "Operator, e Tax Commission	Address, n. <i>(8395)</i>	and Account	Changes" memo
Lico.	A folder has been set up for the Opera				

OPERATOR CHANGE	HORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.
ENTITY REVIEW	
entity	R615-8-7) Entity assignments have been reviewed for all wells listed above. Were changes made? (yes/no) (If entity assignments were changed, attach <u>copies</u> of , Entity Action Form).
NA 2. State entity	Lands and the Tax Commission have been notified through normal procedures of changes.
BOND VERIFICA	TION (Fee wells only) & No Fee Leese Wells at this time!
NA/1. (Rule proper	R615-3-1) The new operator of any fee lease well listed above has furnished a
2. A copy	of this form has been placed in the new and former operators' bond files.
3. The fo Today's dated _	rmer operator has requested a release of liability from their bond (yes/no) s date 19 If yes, division response was made by letter 19
LEASE INTEREST	T OWNER NOTIFICATION RESPONSIBILITY
notifie	R615-2-10) The former operator/lessee of any fee lease well listed above has been ed by letter dated19, of their responsibility to notify any with an interest in such lease of the change of operator. Documentation of such cation has been requested.
	of documents have been sent to State Lands for changes involving State leases .
FILMING	
1. All att	achments to this form have been microfilmed. Date: October 4 1995.
FILING	
1. Copies	of all attachments to this form have been filed in each well file.
2. The <u>ori</u> Change	ginal of this form and the <u>original</u> attachments have been filed in the Operator file.
COMMENTS 950803 U.C	F5/Not necessary!

WE71/34-35

Page No. 3 08/03/95

STATE OF UTAH INVENTORY OF INJECTION WELLS

	RATOR	API NO.	WELL *****	TNS ***	RGE ***	SE **	WELLTYPE *****	INDIAN COUNT
MEPNA		43-037-15506	L-21	41S	25E	18	INJW	Y
MEPNA	(MOBIL	43-037-16358	K-24	41S	25E	18	INJW	Ÿ
MEPNA	(MOBIL	43-037-30400	K-22X	41S	25E	18	INJI	Ÿ
MEPNA	(MOBIL	43-037-15499	J-21	41S	25E	18	INJW	Ÿ
MEPNA	(MOBIL	43-037-15508	L-25	41S	25E	19	INJW	Ŷ
MEPNA	(MOBIL	43-037-15839	1W24	41S	23E	1	INJW	Ŷ
MEPNA	(MOBIL	43-037-15838	1W13	41S	23E	1	INJW	Ÿ
MEPNA	(MOBIL	43-037-16386	2W44	41S	23E	2	INJW	Ÿ
MEPNA	(MOBIL	43-037-15842	11W44	41S	23E	11	INJW	Ÿ
✓ MEPNA	(MOBIL	43-037-15841	11W42	41S	23E	11	INJW	Ÿ
MEPNA	(MOBIL	43-037-15848	12W33	41S	23E	12	INJW	Ÿ
✓ MEPNA	(MOBIL	43-037-15850	12W42	41S	23E	12	INJW	Ÿ
MEPNA	(MOBIL	43-037-15847	12W31	41S	23E	12	INJW	Ÿ
MEPNA	(MOBIL	43-037-16404	12W13	41S	23E	12	INJW	Y
MEPNA	MOBIL	43-037-15845	12W22	41S	23E	12	INJW	Y
MEPNA	MOBIL	43-037-15843	12W11	41S	23E	12	INJW ;	Y
MEPNA	(MOBIL	43-037-31151	12W24	41S	23E	12	INJW	Y
✓MEPNA	MOBIL	43-037-31543	RATERFORD 12	41S	23E	12	INJW	Y
MEPNA	(MOBIL	43-037-15854	13W31	41S	23E	13	INJW	Y
MEPNA	(MOBIL	43-037-15851	13W13	41S	23E	13	INJW	Y
MEPNA	(MOBIL	43-037-15857	13W42	41S	23E	13	INJW	Y
MEPNA	(MOBIL	43-037-16407	13W44	41S	23E	13	WLNI	Y
MEPNA	(MOBIL	43-037-15855	13W33	41S	23E	13	INJW	Y
✓MEPNA	(MOBIL	43-037-31152	13W11	41S	23E	13	INJW	Y
MEPNA	(MOBIL	43-037-15852	13W22	41S	23E	13	INJW	Y
MEPNA	MOBIL	43-037-15853	13W24	41S	23E	13	INJW	Y
MEPNA	(MOBIL	43-037-16410	14W43	41S	23E	14	INJI	Y
✓MEPNA	(MOBIL	43-037-15860	14W43	41S	23E	14	INJW	Y
MEPNA	(MOBIL	43-037-15863	24W42	41S	23E	24	INJW	Y
MEPNA	(MOBIL	43-037-15862	24W31	41S	23E	24	INJW	Y
MEPNA	(MOBIL	43-037-15984	6W14	41S	24E	6	INJW	Y
MEPNA	(MOBIL	43-037-15988	7W32	41S	24E	7	INJW	Y
MEPNA	(MOBIL	43-037-15990	7W41	41S	24E	7	INJW	Y
MEPNA	(MOBIL	43-037-16394	7W21	41S	24E	7	INJW	Y
✓MEPNA	(MOBIL	43-037-15985	7W12	41S	24E	7	INJW	Y
✓MEPNA	(MOBIL	43-037-15989	7w34	41S	24E	7	INJW	Y
MEPNA	(MOBIL	43-037-15986	7W14	41S	24E	7	INJW	Y
MEPNA	(MOBIL	43-037-15987	7W23	41S	24E	7	INJW	Y
✓MEPNA	(MOBIL	43-037-16395	7W43	41S	24E	7	INJW	Y
✓MEPNA	(MOBIL	43-037-16396	8W43	41S	24E	8	INJI	Y
✓MEPNA	(MOBIL	43-037-15992	8W14	41S	24E	8	INJW	Y
MEPNA	(MOBIL	43-037-16398	9W23	41S	24E	9	WLMI	Y
MEPNA	(MOBIL	43-037-16400	9W43	41S	24E	9	INJI	Y
MEPNA	(MOBIL	43-037-16397	9W21	41S	24E	9	INJW	Y
MEPNA	(MOBIL	43-037-16402	10W23	41S	24E	10	WLMI	Y
MEPNA	(MOBIL	43-037-16401	10W21	41S	24E	10	INJI	Y
	(MOBIL	43-037-16403	10W43	41S	24E	10	WLMI	Y
	(MOBIL	43-037-16413	15W43	41S	24E	15	INJI	Y
	(MOBIL	43-037-16411	15W21	41S	24E	15	INJW	Y
	(MOBIL	43-037-16412	15W23	41S	24E	15	INJI	Y
age "	(MOBIL	43-037-16415	16W43	41S	24E	16	INJW	Y
/	(MOBIL	43-037-15720	16W12	41S	24E	16	INJW	Y
MEPNA	(MOBIL	43-037-15721	16W14	41S	24E	16	INJW	Y

.Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

S & MINING

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 5. Lease Designation and Serial No.

14-20-603-368

If Indian, Allottee or Tribe Name

SUNDAT	MOLICES	AND N	EPURIS	UN	MELLO	And the second of the second o	
rm for pror	nosals to c	trill or to	deenen	or re	entry to a	different reservoir	

NAVA IO TOTRAL

Dispose Water

(Note: Report results of multiple completion on Well

USE APPLICATION FOR	NAVAJU IKIDAL	
SUBMIT	7. If Unit or CA, Agreement Designation RATHERFORD UNIT	
1. Type of Well Oil Gas Well X Other INJECTOR 2. Name of Operator Mobil Exploration & as Agent for Mobil F	8. Well Name and No. 7 W 34 9. API Well No.	
3. Address and Telephone No. P.O. Box 633, Midland, TX 79 4. Location of Well (Footage, Sec., T., R., M., or Survey De	43-037-15989 10. Field and Pool, or exploratory Area GREATER ANETH	
SEC. 7, T41S, R24E 710 FSL, 2003 FEL		11. County or Parish, State SAN JUAN UT
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACT	ION
Notice of Intent Subsequent Report	Abandonment Recompletion Plugging Back	Change of Plans New Construction Non-Routine Fracturing
Final Abandonment Notice	Casing Repair Altering Casing	Water Shut-Off Conversion to Injection

Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENT

FOR RECORD ONLY

Oil, Gas and Mining Viah Division of Accepted by the

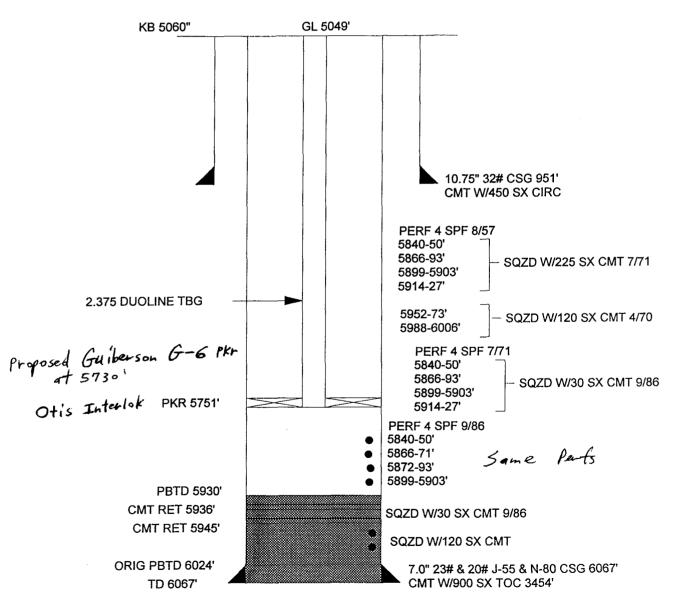
14. I hereby certify that the foregoing is true and correct Signed Living Roberts	Title ENV. & REG. TECHNICIAN	Date 12-07-95
(This space for Federal as the office use) Approved by Conditions of approval, if any:	Title Tehsleur Engwein	Date 12/12/95

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ATHERFORD UNIT 7-34 Justification: Well developed pressure on 7" casing and was shut in as required by EPA. This well directly supports 17 BOPD of pattern production. Estimated Cost: \$40M No AFE required. WORKOVER PROCEDURE

- 1. Lock and tag out all power sources. Check WHP. If well is not dead, RU pump and pump lines to injection head. Bullhead 40 bbls of 10 ppg brine into well to kill well.
- 2. MI workover rig. Bleed off casing pressure. ND injection head. NU and PT BOP's to 3000 psi high and 250 psi low. RU line from 7" casing annulus to flat bottom tank. Install adjustable choke in line.
- 3. Release Otis Interlok packer at 5751' and circulate hole to 10 ppg brine. POH laying down 2-3/8" Rice Duoline injection tubing. Representative from Rice Duoline to be on location to inspect tubing (1-800-345-7423).
- 4. RIH with bit and casing scraper for 7", 20/23 lb/ft casing on 2-7/8" workstring and CO to PBTD of 5930'. POH.
- 5. RIH with squeeze on 2-7/8" workstring and set at 5750'. PT casing to 1000 psi for 30 minutes. 5 percent leakoff or less is acceptable. Locate any casing leaks. POH.
- 6. If have casing leak, RU wireline unit. Set CIBP at 5750'. RIH open ended and spot 50 sxs class B cement containing 2 percent CaCl2 across leak. Pull out of cement and reverse out. Bradenhead squeeze casing leak to 1000 psi. Stage cement as necessary. POH. RIH with mill and drill out cement. Retest to 1000 psi for 30 minutes. If PT OK, drill out CIBP and CO to PBTD at 5930'.
- 7. RIH with Guiberson 7" G-6 packer on previously pulled 2-3/8", 4.7 lb/ft Rice duoline tubing previously pulled from well. NOTE: If tubing can not be reused as per Rice Duoline inspection, run used 2-7/8" KCTS tubing.
- 8. ND BOP's. Install injection head. Reverse circulate kill weight packer fluid containing 1 percent by volume of Tretolite CRW137 corrosion inhibitor/oxygen scavenger.
- 9. Space out for 15,000 lbs compression at surface and set packer at $\pm 1/2$ 5730'. NU and land injection head. RDMO workover rig.
- 10. Perform Mechanical Integrity Test (MIT) for EPA. Contact Jim Walker of the Navajo EPA in Shiprock at 505/268-1040 to witness. Use chart recorder to record test. Send copies of chart to Shirley Todd, Midland 1206 MOB, Ed Barber, Aneth, and Aneth files. Fill out Utah tax credit form and send to Tiny Higman, Cortez office. After obtaining an acceptable MIT, place well on water injection on maximum choke.

RATHERFORD UNIT 7-34 GREATER ANETH FIELD UTAH 710 FSL & 2003' FEL SEC 7 T41S R24E SAN JUAN COUNTY UTAH API 43-037-15989 PRISM 0042949



L. BERNHARDT 2/27/94

Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR RUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No. **BUREAU OF LAND MANAGEMENT** 14-20-603-368 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. NAVAJO TRIBAL Use "APPLICATION FOR PERMIT - " for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE RATHERFORD UNIT 1. Type of Well X Other INJECTOR 8. Well Name and No. RATHERFORD 7 W 34 2. Name of Operator Mobil Exploration & Producing U.S. Inc. 9. API Well No. as Agent for Mobil Producing TX & NM Inc. 43-037-15989 3. Address and Telephone No. P.O. Box 633, Midland, TX 79702 (915) 688-2585 10. Field and Pool, or exploratory Area **GREATER ANETH** 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State SEC. 7, T41S, R24E 710 FSL, 2003' FEL SAN JUAN IIT CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF SUBMISSION TYPE OF ACTION Change of Plans Notice of Intent Abandonment Recompletion New Construction X Subsequent Report Plugging Back Non-Routine Fracturing Casing Repair Water Shut-Off Final Abandonment Notice Conversion to Injection Altering Casing Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* MIRU, POOH W/ 177 JTS & RIH W/ 185 JTS & SET @ 5730', LOAD CSG & PRES TEST TO 1100# PSI F/ 30 MIN & HELD. RIH W/ BIT & CS TO 5930' (PBTD). RIH W/ TBG, CIRC 220 BBLS PKR FLUID, PKR @ 5697' IN PRES TEST CSG TO 1100# PSI & HELD. RDMO. 14. I hereby certify that the foregoing is true and correct Title ENV. & REG. TECHNICIAN (This space for Federal or State office use) Approved by Title Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (November 1994)

VITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

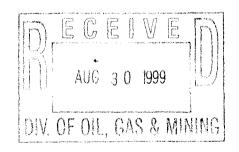
FORM APPROVED				
Budget Bureau No. 1004-0135				
Expires November 30, 2000				

5. Lease Serial No.

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-	т	_	v		•	•	_	\mathbf{v}

Do not use this form for abandoned well. Use For	NAVAJO TRIBAL	
SUBMIT IN TRIPLICATE -	- Other instructions on reverse side	7. If Unit or CA/Agreement, Name and/or No. RATHERFORD UNIT
1. Type of Well Oil Gas Well Other 2. Name of Operator MOBIL PRODUCING TX & **MOBIL FYPI OPATION &	NM INC.* PRODUCING US INC. AS AGENT FOR MPTM	8. Well Name and No. RATHERFORD 7-W-34
3a. Address P.O. Box 633. Midland TX 79702 4. Location of Well (Footage, Sec., T., R., M., or Survey Description of Well (Footage, S	3b. Phone No. (include area code) (915) 688-2585	9. API Well No. 43-037-15989 10. Field and Pool, or Exploratory Area GREATER ANETH
SEC. 7, T41S, R24E 710' FSL & 2003' FEL		11. County or Parish, State SAN JUAN UT
12. CHECK APPROPRI	ATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT TYPE OF ACTION	, OR OTHER DATA
Notice of Intent Subsequent Report Final Abandonment Notice	Alter Casing Fracture Treat Reclamation Casing Repair New Construction Recomple	te X Other
If the proposal is to deepen directionally or recomp. Attach the Bond under which the work will be perfollowing completion of the involved operations. If	ly state all pertinent details, including estimated starting date of any pro- lete horizontally, give subsurface locations and measured and true verti- formed or provide the Bond No. on file with BLM/BIA. Required su- the operation results in a multiple completion or recompletion in a ne- otices shall be filed only after all requirements, including reclamation.)	ical depths of all pertinent markers and zones, absequent reports shall be filed within 30 days we interval. a Form 3160-4 shall be filed once

SECHEDULED MIT & CHART ATTACHED.



14. I hereby certify that the foregoing is true and correct Name (Printed Type d)		Ytle		
The hoselen for	SHIRLEY HOUCHINS/ENV & REG TECH			
8 7	Date	8-25-99		
THIS SPACE FOR FEDERA	AL OR	STATE OFFICE USE		
Approved by	Ti	itle	Date	
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject I which would entitle the applicant to conduct operations thereon.	t or Of	ffice		

fraudulent statements or representations as to any matter within its jurisdiction.

ANNULAR PRESURE TEST (Mechanical Integrity Test)

Operator MOBIL E. P. INC. Date of Test 8-13-99					
Well Name RATHERFORD UNIT WALK 7W-34 EPA Permit No					
Location SEC 7, T41S, 624E Tribal Lease No. 142060,3368					
State and County SAN JUAN COUNTY, UTAH					
Continuous Recorder? YES NO D Pressure Gauge? YES NO D					
Bradenhead Opened? YES 🗆 NO 🖼 Fluid Flow? YES 🗆 NO 🖼					
<u>time</u> 8:44 Am	-1500 psigariose	0-1500ps; RESSURE, psi recorder	TUBING PRESSURE, psi		
	1130	1151			
8:49 Am	1125	1150	2570		
8:54 Am	1125	1149	2570		
8:59 Am	1125	1148	<u> 2570 · </u>		
9:04 Am	1121	1145	2570		
9:09 Am	1121	1145	<u>2570</u>		
9:14 Am	1121	1145	2570		
MAX. INJECTION PRESSURE: 3000 PSI MAX. ALLOWABLE PRESSURE CHANGE: 56.50 PSI (TEST PRESSURE X 0.05) REMARKS (Passed) Failed? If failed, cease injection until well passes MIT (40CFR§144.21(c)(6)). No bradenhead. Injecting-active. New gauge on annulus, out of box. PASSED MIT COMPANY REPRESENTATIVE: (Print and Sign) MELVINA K. CLAH WILLIAG K. Clab. 8-13-99					
INSPECTOR: (Print and Sign) DATE					

REGION-IX-FORM-935 (6/13/96)

e territorio re nel e didicididad de la compansión de la

USEPA - Region IX (White)

NEPA-GPCP (Yellow)

Operator (Pink)

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135

Expires November 30, 2000 5. Lease Serial No.

See Attached Listing

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
handoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name	
NAVAJO TRIBAL	
7. If Unit or CA/Agreement, Name and/or No.	

Abandon	ned well. Use Form 3160-3 (A	APD) for such	proposals.		MAYMO IKID	
	RIPLICATE - Other instruc				7. If Unit or CA/A Ratherford Unit	greement, Name and/or No.
Type of Well ☐ Oil Well ☐ Gas Well	☑ Other				8. Well Name and See Attached Li	
2. Name of Operator					9. API Well No. See Attached Li	ictina
Mobil Producing TX & NM	M Inc*	ADT'N A			See Attached Li	isting
*Mobil Exploration & Prod	ucing US inc as agent for i	3b. Phor	ne No. (includ	e area code)	10. Field and Pool,	or Exploratory Area
3a. Address P.O. Box 4358, Houston, T.	X 77210-4358	713-43		,	Greater Aneth	
4. Location of Well (Footage, Sec	c., T.,R.,M., or Survey Description	1)			11. County or Paris	
See Attached Listing		12.1	37.159	70A	San Juan, UTA	MI
CALL CALL A D.D.	ROPRIATE BOX(ES) TO				REPORT OR OT	THER DATA
	ROPRIATE BOX(ES) TO	INDICATE	TYPE	OF ACTION	REFORT, OR O	
TYPE OF SUBMISSION	☐ Acidize ☐	Deepen		Production (St	art/Resume) [Water Shut-Off
Notice of Intent		Fracture Trea	_	Reclamation	_	☐ Well Integrity
C 0.1		☐ New Const⊓		Recomplete		☑ Other
Subsequent Report		Plug and Ab		☐ Temporarily A	bandon	
☐ Final Abandonment Notice		☐ Plug Back		☐ Water Disposa		
13. Describe Proposed or Complete		_ •	_			and approximate duration
Mobil Exploration & P Producing North Ameri wells to injection. We p See Attached Listing of		for final inspect t for Mobil tion to pull ti si wellheads	Producing	Texas & New equipment, of psi wellheads.	v Mexico Inc. & hange out the we	Mobil Exploration &
14. I hereby certify that the foregon Name (Printed/Typed)	ing is true and correct					
Mark Del Pico			Title Re	gulatory Se	pcialist	
Signature W. De	l Pai		Date 9/1	12/00		
	THIS SPACE FO	OR FEDERA	L OR STA	TE OFFICE U	SE	
				ACCE	PIED DI II	Control of the state of the sta
Approved By			Title	OF	UTAH DIVIS	Date
Approved by Conditions of approval, if any, arwarrant or certify that the applicant the subject lease which would entitle	holds legal or equitable title to t	hose rights in	Office	OIL,	GAS, AND 9-18-	MINING 00 5K
				7787	The state of the s	one country to the country of the co

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Attached Listing of Ratherford Wells

Well Name Number	API Number	Federal Lease #	Sec T R	Location
Ratherford 7-W-34	43-037-15989	14-20-603-368	07 - T41S - R24E	710 FSL / 2003 FEL
Ratherford 11-W-42	43-037-15841	14-20-603-246	11 - T41S - R23E	3290 FLS / 4617 FWL
Ratherford 12-W-11	43-037-15843	14-20-603-246A	12 - T41S - R23E	678 FNL / 4620FEL
Ratherford 13-W-22	43-037-15852	14-20-603-247A	13 - T41S - R23E	1988 FNL / 3300 FEL
Ratherford 13-W-31	43-037-15854	14-20-603-247A	13 - T41S - R23E	660 FNL / 1980 FEL
Ratherford 16-W-42	43-037-15720	14-20-603-355	16 - T41S - R24E	1880 FNL / 660 FWL
Ratherford 20-W-21	43-037-16423	14-20-603-353	20 - T41S - R 24E	600 FNL / 1880 FWL
Ratherford 24-W-31	43-037-15862	14-20-603-247A	24 - T41S - R23E	560 FNL / 1830 FEL
Ratherford 29-W-21	43-037-16432	14-20-603-407	29 - T41S - R24E	662 FNL / 2122 FWL

SUB SURFACE MAINTENANCE PROGRAM

WELL NO: Ratherford 7W34 / API # 43-037-15989 SEC 7 - T41S - R24E San Juan County, Utah

To pull injection equipment, change out wellhead, and return well to injection.

This well work is being done because there has been a process step change in injection pressure. It appears that over the injection life of this well, the injection pressure has increased from 2000psi to 3000psi. For this reason, the wellhead needs to be upgraded to handle the additional pressure increase and reduce the possibility of a pressure release (SHE hazard) at the surface.

GENERAL PROCEDURES

- (1) Prior to MIRU PU, MIRU perf company and perforate the at approximately 5700'. Circ calculated kill fluid down the casing and up the the the the the control.

 Note The well may already have been killed with calculated KWM prior to step 1.
- (2) MIRU PU. Pick up on tbg and LD 1st joint. PU compression set pkr (storm valve) and RIH and set in compression. Monitor the well for pressure for a least one hour.
- (3) Once well control has been re-confirmed, proceed to spear production csg hanger and relieve tension.
- (4) Proceed to cut off lower csg head and weld on the 5000psi replacement wellhead.
- (5) NU BOP/Hydril. Pick up pkr setting joint and left-handed thread and retrieve pkr (storm valve).
- (6) MIRU Campbell's tbg testers.
- (7) Release pkr and POOH hydrotesting each joint and LD first joint and SB remaining 181jts of 2 3/8" Duoline tbg and LD all joints that fail 3500psi test.
- (8) LD 7" x 2 3/8" Baker Lok-Set pkr.
- (9) RDMO Campbell tbg testers.
- (10) PU redressed 1.781" profile w/ pump out plug, 7" x 2 3/8" pkr, and 7" x 2 3/8" on/off tool. RIH on " tbg.
- (11) Set pkr @5751' +/- 10' and test to 1000psi.
- (12) Release on/off tool, circ. Pkr. Fluid (249bbls of freshwater w/ 105gal of Baker Petrolite CRW 132F) latch on to pkr.

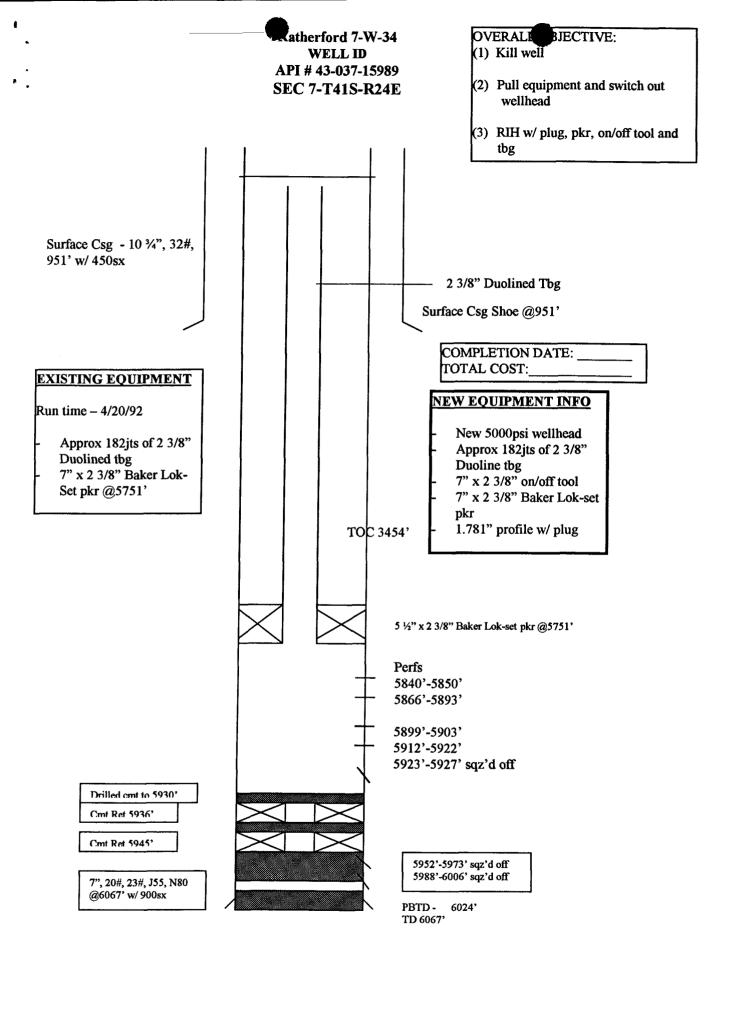
 Note Volume based on a pkr setting depth of 5751' + 10% of total volume.

Continued

(13) ND BOP/Hydril, NU WH.

Note — Call ahead (at least 48hrs prior to testing) to the Navajo EPA and BLM so that they have time to find a witness for the MIT test if needed once the injection string is run back in. The backside should be tested to 1000psi with no more than a 5% loss in 30minutes if a successful test is to be obtained. The test should be charted and an original copy sent to Ellen Carroll (713-431-1197) in Houston, Tx.

- (14) Test tbg to 1200 psi and pump-out plug.
- (15) Clean location RDMO PU.



Form. 3160-5 (August 1999)

DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No. 14-20-603-368

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No. SUBMIT IN TRIPLICATE - Other Instructions on reverse side RATHERFORD UNIT 1. Type of Well Oil Well 8. Well Name and No. Other | Ratherford Unit 7W34 2. Name of Operator 9. API Well No. **Exxon Mobil Corporation** 43-037-15989 3b. Phone No. (include area code) 3a. Address P.O. Box 4358 (713) 431-1197 TX 77210-4358 **GREATER ANETH** 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State 710' FSL & 2003' FEL UT SAN JUAN R24E **T41S** Sec 7 CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Production (Start/Resume) Water Shut-Off Deepen Acidize Notice of Intent Well Integrity Reclamation Alter Casing Fracture Treat Other Replace wellhead Subsequent Report Recomplete Casing Repair **New Construction** Temporarily Abandon Plug and Abandon Final Abandonment Notice Change Plans Plug Back Water Disposal Convert to Injection 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multitiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including recalmation, have been completed, and the operator has determined that the site is ready for final inspection.) Attached is a summary of work performed on Ratherford Unit #7W34 from 5/10/01 to 5/19/01. The wellhead was replaced on this well. 14. I hereby certify that the foregoing is true and correct Title Name (Printed/Typed) Sr. Staff Office Assistant Kim Lynch Signature 06/04/2001 THIS SPACE FOR FEDERAL OR STATE OFFICE USE Title Date Approved by Conditions of approval, if any, are attacheed. Approval of this notice does not warrant or Office certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent

statements or representations as to any matter within its jurisdiction.

Ratherford Unit 7W34 San Juan, Utah 14-20-603-368

- 5/10/01 MIRU WSU. Spot equipment. RU W/L to perforate the tubing. Could not go down. SION.
- 5/11//01 SITP = 300 CP = 0 psi. RU W/L and RIH. Perforate tubing and POOH. RD W/L. SION
- 5/14/01 SITP = 1300, SICP = 1300. RU and circulate 210 bbls of 15 ppg KWF. ND flowlind. Attempt to release the tbg. Head cap. No luck. Had to get a welder and heat up the cap. Screw on flange and NU BOPE. Release packer and POOH; with 19 joints. NOTE: Packer identified in procedure was incorrect. We believe it to be a G-6 or similar packer not a lockset as identified.
- 5/15/01 SITP =0 CP = 125. Bleed off well. Casing still wants to flow. Wait on mud man to build heavier KWF.
- 5/16/01 SITP = 300psi, SICP = 300 psi. RU and pump 220 bbls of 16 ppg mud. Well dead. POOH with 157 joints (176 total) and packer. RU tubing testers and make up BHA. RIH with kill string. SION
- 5/17/01 SITP = 575 psi. Bled off and RIH with 50 joints. Load tubing and continued in hole. Set packer and 'J' off of on/off tool. NDBOP and tubing head. Wrong double stud. NU head and BOP. SION
- 5/18/01 Open well. 0 tp/cp. ND BOP and WH. Install double stud adapter and test to 100 psi. good. NUBOPE. Lay down storm packer and 'J' onto on/off tool. Calculated the subs needed and got off of the on/off tool. Added subs and rolled the hole with packer fluid.
- 5/19/01 0 psi tp/cp. NDBOPE and install new injection tree. Test casing to 1000 psi. Held good. Field to perform final MIT with Navajo EPA. RDWSU MO. Final BHA as follows: 2 3/8" W/L re-entry guide, 1/43 'R' nipple, 6' ss sub, 7" G-6 PC packer, on/off tool w/ 1.50 'F' profile, 174 joints of 2 3/8" Duolined tubing, 1 ea. 4'-6'-8-10' subs, 1 2 3/8" landing joint. Packer depth is 5696'.

ExxonMobil Production Comp U.S. West P.O. Box 4358 Houston, Texas 77210-4358

June 27, 2001



Mr. Jim Thompson State of Utah, Division of Oil, Gas and Mining 1549 West North Temple Suite 1210 Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Charlotte J. Darper

Charlotte H. Harper Permitting Supervisor

ExxonMobil Production Company a division of Exxon Mobil Corporation, acting for ExxonMobil Oil Corporation

211 74 2008

DILIBION OF OIL, GAS AND MINIME

N. 200 - 1 11 11: 15



United States Department of the Interior

BUREAU OF INDIANAFEAURS NAVATORECTON

P.O. Box 1060 Gallup, New Mexico 87305-1060

AUG 3 0 2001

RRES/543

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor Exxon Mobil Production Company U. S. West P. O. Box 4358 Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of \$75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

CENNI DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

ADM 1 48 ///
1 NATV AM MEN COORD
SOLID ATM TEAM
PETROMENT ISAM &
O & G IN DELICT YEAM
ALL TEAM LEADERS
LAND RESOURCES
ENVIRONMENT
FILE8

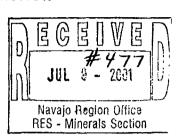
ExxonMobil Production Company

U.S. West P.O. Box 4358 Houston, Texas 77210-4358 1/2/200/ SW 543 1,20

June 27, 2001

Certified Mail Return Receipt Requested

Ms. Genni Denetsone United States Department of the Interior Bureau of Indian Affairs, Navajo Region Real Estate Services P. O. Box 1060 Gallup, New Mexico 87305-1060 Mail Code 543 ExonMobil
Production



Change of Name –
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of \$75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

If you have any questions, please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper Permitting Supervisor

Attachments

JUL 0 5 2001

NAVAJO REGION OFFICE
BRANCH OF REAL ESTATE SERVICES

ExxonMobil Production Company a division of Exxon Mobil Corporation, acting for ExxonMobil Oil Corporation

NOTE: Check forwarded to Ella Isasi

Charlotte U. Harper

Bureau of Indian Affairs Navajo Region Office Attn: RRES - Mineral and Mining Section P.O. Box 1060 Gallup, New Mexico 87305-1060

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The current list Corporation), or	ing of officers and director of New York	ExxonMobil 0il (State) is a	Corporation s follows:	(Name of
		OFFICERS		
President	F.A. Risch	Add	ress 5959 Las Colinas Blvd. Irving.	TX 75039
Vice President	K.T. Koonce		ress 800 Bell Street Houston, TX 77	
Secretary	F.L. Reid		ress 5959 Las Colinas Blvd, Irving.	
Treasure	B.A. Maher		'CSS 5959 Las Colinas Blvd. Irving,	·
		DIRECTORS	•	
Name D.D. Hu	mphreys	Address	5959 Las Colinas Blyd, Irving, TX	75039
Name P.A. Ha	nson	Address _	5959 Las Colinas Blvd. Irving, TX	75039
Name T.P. Top	wnsend		5959 Las Colinas Blvd. Irving, TX	
			5959 Las Colinas Blvd, Irving, TX	
Name F.A. Ris			5959 Las Colinas Blvd. Irving, TX	
	Singe Alex		vrea	
and in the	ect as evid enc ed by the records ne custody of <u>Corporation Servic</u>	and accounts Company	covering business for the State of (Agent), Phone: 1 (800) 927-9	Utah Bano
(CORPORATES	EAL)	CA	Signature 1 THENEY IN FACT Title	

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

S. U. Mulleum
Assistant Secretary

COUNTY OF DALLAS STATE OF TEXAS UNITED STATES OF AMERICA

Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Marice M. Phillips Notary Public

LISTING OF LEASES OF MOBIL OIL CORPORATION

Lease Number

- 14-20-0603-6504 1)
- 2) 14-20-0603-6505
- 3) 14-20-0603-6506
- 4) 14-20-0603-6508
- 5) 14-20-0603-6509
- 6) 14-20-0603-6510
- 7) 14-20-0603-7171
- 8) 14-20-0603-7172A
- 9) 14-20-600-3530
- 10) 14-20-603-359
- 11) 14-20-603-368
- 12) 14-20-603-370
- 13) 14-20-603-370A
- 14)
- 14-20-603-372
- 15) 14-20-603-372A
- 16) 14-20-603-4495
- 17) 14-20-603-5447
- 18) 14-20-603-5448
- 19) 14-20-603-5449
- 20) 14-20-603-5450
- 21) 14-20-603-5451

CHUBB GROUP OF INSURANCE COMPANIES

High Very Line South, Suite 1900, Robeton Texas, 77027-3301 Factorian (1999) 237-4600 - Feinsimher (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER to be attached to and form a part of

BOND NO 8027 31 97 wherein Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior Bureau of Indian Affairs

in the amount of \$150,000.00 bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective June 1, 2001 the name of the Principal is changed

Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. FROM:

TO ExxonMobil Oil Corporation

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this 12th of June, 2001.

FEDERAL INSURANCE COMPANY

Mary Pierson, Attorney-in-fact





Federal Insurance Company Vigilant Insurance Company **Pacific Indemnity Company**

Attn.: Surety Department 15 Mountain View Road Warren, NJ 07059

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo,

Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas-

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than ball bonds) given or executed in the course of business, and any instruments amending or aftering the same, and consents to the modification or afteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel, Assistant Secretary

STATE OF NEW JERSEY County of Somerse

On this 10th day of May, 2001
to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly swom, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seats thereof, that the real affirmed to the foregoing Bount of Attorney are such appropriate seats thereof. Secretary or FELERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMINITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Robertson as thereto subscribed by authority of said in the genuine handwriting of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E.

Notary Public State of New Jersey No. 2231647

Commission Expires Oct. 28 2004 ON

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

*All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facaimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

(i) the foregoing extract of the By-Laws of the Companies is true and correct,

the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U.S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U.S. Virgin Islands, and Federal is licensed in American Samoa, Guarn, and each of the Provinces of Canada except Prince Edward Island; and

(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this $\underline{12th}$ day of \underline{June} , $\underline{2001}$







IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

CSC

5184334741

06/01 '01 08:46 NO.410 03/05

06/01 '01 09:06 No.135 02/04

F010601000 187

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

Ο̈́F

CSC 45

MOBIL OIL CORPORATION

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby cartify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York,

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882,

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

- (a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:
 - "1st The corporate name of said Company shall be,
 Excommobil Oil Corporation",
- (b) Article 7th of the Cartificate of Incorporation, relating to the office of the corporation is hereby smended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

CSC CSC 5184334741

06/01 '01 08:47 NO.410 04/05

FOURTH: That the amendments to the Certificate of Incorporation were nuthorized by the Board of Directors followed by the holder of all outstanding shares entitled to wore on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this <u>z2nd</u> Day of May, 2001.

F. A. Risch, President

STATE OF TEXAS

COUNTY OF DALLAS

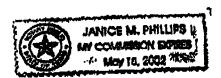
F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 224 day of May, 2001.

[SEAL]

NOTARY PUBLIC, STATE OF TEXAS



csc_.

5184334741

-06/01.01.09:01 NO.411 02/02 -010601000187

C3C 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

STATE OF NEW YORK DEPARTMENT OF STATE

Filed by: EXXONMOBIL CORPORATION

(Name)

:7

FILED JUN 0 1 2001

TAX\$

5959 Las Colinas Blvd (Mailing address)

Irving, TX 75039-2298

(City, State and Zip code)

m

OF GETTERME SERVICES

010601000/95

,TEL=5184334741

06/01'01 08:19

≃> CSC

State of New York | State | State | State |

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on JUN 01 2001



Special Deputy Secretary of State

DOS-1266 (7/00)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH 2. CDW 3. FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change

Merger

FROM: (Old Operator):	1	TO: (New Or	perator):			
MOBIL EXPLORATION & PRODUCTION	1	EXXONMOBI		RPORATIO	N	
Address: P O BOX DRAWER "G"	1	Address: U S V			<u>-</u> :	
Audios, I O DOA DICITION O	┥	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		- 2		
CORTEZ, CO 81321	1	HOUSTON, T	X 77210-43	558		
Phone: 1-(970)-564-5212		Phone: 1-(713)				····
Account No. N7370		Account No.				
CA No.	<u> </u>	Unit:	RATHER	FORD		
WELL(S)						· · · · · · · · · · · · · · · · · · ·
WELL(S)	SEC TWN	API NO	ENTITY	LEASE	WELL	WELL
NAME	RNG	ATT	NO	TYPE	TYPE	STATUS
RATHERFORD 14-W-42		43-037-15860	6280	INDIAN	WI	A
RATHERFORD UNIT 14-31		43-037-31717		INDIAN	WI	A
24-31			6280	INDIAN	WI	A
24-42			6280	INDIAN	WI	A
5-14		43-037-15984		INDIAN	WI	A
7-12			6280	INDIAN	WI	Α
7-14		43-037-15986	6280	INDIAN	WI	A
7-34	07-41S-24E	43-037-15989	6280	INDIAN	WI	A
NAVAJO B41-7 (RATHERFORD 7-41)	07-41S-24E	43-037-15990	99990	INDIAN	WI	A
3-14	08-41S-24E	43-037-15992	6280	INDIAN	WI	Α
RATHERFORD 8W43		43-037-16396		INDIAN	WI	A
NAVAJO B-5 (RATHERFORD 9-43)	09-41S-24E	43-037-16400	99990	INDIAN	WI	I
NAVAJO B-6 (RATHERFORD 10W21)	10-41S-24E	43-037-16401	99990	INDIAN	WI	I
NAVAJO B-2 (RATHERFORD 10W23)		43-037-16402		INDIAN	WI	I
NAVAJO W-2 (RATHERFORD 10W43)		43-037-16403		INDIAN	WI	I
NAVAJO A-11 (RATHERFORD 15W21)		43-037-16411		INDIAN	WI	I
NAVAJO A-19 (RATHERFORD 15W23)		43-037-16412		INDIAN	WI	I
NAVAJO A-24 (RATHERFORD 15W43)		43-037-16413		INDIAN	WI	Ι
16-12		43-037-15720		INDIAN	WI	Α
16-14	16-41S-24E	43-037-15721	6280	INDIAN	WI	A
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received	from the FOR	MER operator	on:	06/29/200	<u>1</u>	
2. (R649-8-10) Sundry or legal documentation was received	from the NEV	V operator on:	06/29/200	1		
3. The new company has been checked through the Departn	nent of Comm	erce, Division o	of Corpora	tions Datab	ase on:	04/09/20
4. Is the new operator registered in the State of Utah:	YES	Business Numb	er:	<u>579865-014</u>	<u>13</u>	

6	Federal and Indian Lease Wells: The BLM and or the BIA has approved the merger, name change,
6.	or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01
7.	Federal and Indian Units:
	The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001
8.	Federal and Indian Communization Agreements ("CA"):
	The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9.	Underground Injection Control ("UIC") The Division has approved UIC Form 5, Transfer of Authority to Inject,
	for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: NOTE: EPA ISSUES UIC PERMIT
$\overline{\mathbf{D}}$	ATA ENTRY:
1.	Changes entered in the Oil and Gas Database on: 04/10/2002
2.	Changes have been entered on the Monthly Operator Change Spread Sheet on: 04/10/2002
3.	Bond information entered in RBDMS on: N/A
4.	Fee wells attached to bond in RBDMS on: N/A
S	TATE WELL(S) BOND VERIFICATION:
1.	State well(s) covered by Bond Number: N/A
FI	EDERAL WELL(S) BOND VERIFICATION:
1.	Federal well(s) covered by Bond Number: N/A
IN	DIAN WELL(S) BOND VERIFICATION:
1.	Indian well(s) covered by Bond Number: 80273197
FI	EE WELL(S) BOND VERIFICATION:
1.	(R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number N/A
	The FORMER operator has requested a release of liability from their bond on: N/A
	The Division sent response by letter on: N/A
LI	EASE INTEREST OWNER NOTIFICATION:
3.	(R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A
CC	DMMENTS:
_	

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING	
1. DJJ	
2. CDW	

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:	6/1/2006					
FROM: (Old Operator):	TO: (New Operator):					
N1855-ExxonMobil Oil Corporation	N2700-Resolute Natural Resources Company					
PO Box 4358	1675 Broadway, Suite 1950					
Houston, TX 77210-4358	Denver, CO 80202					
Phone: 1 (281) 654-1936	Phone: 1 (303) 534-4600					
CA No.	Unit: RATHERFORD (UIC)					
OPERATOR CHANGES DOCUMENTATION Enter date after each listed item is completed 1. (R649-8-10) Sundry or legal documentation was received from the 2. (R649-8-10) Sundry or legal documentation was received from the 3. The new company was checked on the Department of Commerce 4. Is the new operator registered in the State of Utah: 5. If NO, the operator was contacted contacted on: 6a. (R649-9-2) Waste Management Plan has been received on: 6b. Inspections of LA PA state/fee well sites complete on: 6c. Reports current for Production/Disposition & Sundries on: 7. Federal and Indian Lease Wells: The BLM and or the or operator change for all wells listed on Federal or Indian leases 8. Federal and Indian Units: The BLM or BIA has approved the successor of unit operator for the BLM or BIA has approved the operator for all wells listed	e FORMER operator on: e NEW operator on: e, Division of Corporations Database on: Business Number: 5733505-0143 requested n/a ok BIA has approved the merger, name change, on: BLM n/a or wells listed on: not yet "CA"): within a CA on: n/a Division has approved UIC Form 5, Transfer of Authority to					
DATA ENTRY:						
 Changes entered in the Oil and Gas Database on: Changes have been entered on the Monthly Operator Change S Bond information entered in RBDMS on: Fee/State wells attached to bond in RBDMS on: 	n/a n/a					
5. Injection Projects to new operator in RBDMS on:	6/22/2006					
6. Receipt of Acceptance of Drilling Procedures for APD/New on:	n/a					
BOND VERIFICATION:	m/o					
1. Federal well(s) covered by Bond Number:	n/a PA002769					
 Indian well(s) covered by Bond Number: (R649-3-1) The NEW operator of any fee well(s) listed covered l 						
	9					
a. The FORMER operator has requested a release of liability from the Division sent response by letter on:	n/a					
LEASE INTEREST OWNER NOTIFICATION: 4. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division						
of their responsibility to notify all interest owners of this change of	on: n/a					
COMMENTS:						

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT							
Well Name and Number See attached list		API Number Attached					
Location of Well Footage: See attached list	County : San Juan	Field or Unit Name Ratherford Unit					
QQ, Section, Township, Range:	State: UTAH	Lease Designation and Number See attached list					

EFFECTIVE DATE OF TRANSFER: 6/1/2006

PERATOR	
Exxon Mobil Oil Corporation	Name:
PO Box 4358	Signature:
city Houston state TX zip 77210-4358	Title:
(281) 654-1936	Date:
Exxon Mobil has submitted a separate, signed copy	
	Exxon Mobil Oil Corporation PO Box 4358 city Houston state TX zip 77210-4358 (281) 654-1936

NEW OPERATOR Resolute Natural Resources Company Company: Name: 1675 Broadway, Suite 1950 Address: Signature: city Denver state CO zip 80202 Regulatory Coordinator Title: (303) 534-4600 4/20/2006 Phone: Date: Comments: A list of affected UIC wells is attached. New bond numbers for these wells are: BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:

Approval Date:

Comments:

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STATE OF UTAH

	DEPARTMENT OF NATURAL RESOL	JRCES	TOKING				
	DIVISION OF OIL, GAS AND M	IINING	5. LEASE DESIGNATION AND SERIAL NUMBER:				
			See attached list				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:						
Do not use this form for any and the state	Navajo Tribe 7. UNIT or CA AGREEMENT NAME:						
drill horizontal	new wells, significantly deepen existing wells below a laterals. Use APPLICATION FOR PERMIT TO DRILL	urrent bottom-hole depth, reenter plugged wells, or to _ form for such proposals.	Ratherford Unit				
1. TYPE OF WELL OIL WELL		Unit Agreement	8. WELL NAME and NUMBER:				
2. NAME OF OPERATOR:			See attached list				
Resolute Natural Resource	ces Company N2700		9. API NUMBER: Attached				
3. ADDRESS OF OPERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:				
1675 Broadway, Suite 1950 4. LOCATION OF WELL	TY Denver STATE CO	_P 80202 (303) 534-4600	Greater Aneth				
100,000,000	nest extensi	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	add hazarkirt Atmites and Atm.				
FOOTAGES AT SURFACE: See a	uached list		COUNTY: San Juan				
QTR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:		STATE:				
	AMONETANAM MATERIAL CASAR CASAR		UTAH				
11. CHECK APP	ROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPO	RT. OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION	INT, ON OTHER DATA				
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION				
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL				
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON				
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR				
•	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE				
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL				
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/RESUME)					
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	WATER SHUT-OFF				
==0	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	OTHER:				
12 DESCRIPE PROPOSED OF O							
		pertinent details including dates, depths, volume					
Pesclute Natural Pascura	xon Mobil Oil Corporation resigns	s as operator of the Ratherford Un	it. Also effective June 1, 2006				
Nesolute Matural Resourc	es Company is designated as su	uccessor operator of the Ratherford	d Unit.				
A list of affected producing	g and water source wells is attac	hed. A separate of affected injection	on wells is being submitted with				
UIC Form 5, Transfer of A	authority to Inject.	meen resputate of ansolide injustic	on wone is being submitted with				
A- 611 CC 11 1 1 1							
As of the effective date, be	ond coverage for the affected we	ells will transfer to BIA Bond # PA0	02769.				
			8 5				
			27				
//_							
NAME (PLEASE PRINT) Dwight E N	Malloso	Damid 1 0 "					
NAME (PLEASE PRINT) DWIGHT E	l killing	Regulatory Coordi	nator				
SIGNATURE WITE &	1	DATE 4/20/2006					
		DATE 4/20/2000					
This space for State use only		1000	DEOE				

APPROVED 6 137 106

Carlene Russell

Division of Oil, Gas and Mining actions on Reverse Side)

England Russell Engineering Tacketolan

RECEIVED APR 2 4 2006

Earlene Russell, Engineering Technician

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON V	VELLS 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ship Rock
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-h drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such	ole depth, reenter plugged wells, or to Droposals. 7. UNIT or CA AGREEMENT NAME: UTU68931A
1. TYPE OF WELL OIL WELL GAS WELL OTHER Injection	8. WELL NAME and NUMBER: Ratherford
2. NAME OF OPERATOR: ExxonMobil Oil Corporation N/855	9. API NUMBER:
3. ADDRESS OF OPERATOR:	PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT:
P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4	358 (281) 654-1936 Aneth
FOOTAGES AT SURFACE:	соинту: San Juan
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATU	TYPE OF ACTION
Approximate date work will start: 6/1/2006 CHANGE TO PREVIOUS PLANS CHANGE TUBING CHANGE TUBING CHANGE WELL NAME PLUC CHANGE WELL STATUS PRODUCING FORMATIONS RECL	SIDETRACK TO REPAIR WELL CONSTRUCTION TEMPORARILY ABANDON TUBING REPAIR GAND ABANDON VENT OR FLARE WATER DISPOSAL DUCTION (START/RESUME) WATER SHUT-OFF OMPLETE - DIFFERENT FORMATION WISHING REPAIR WATER DISPOSAL OUTTON (START/RESUME) WATER SHUT-OFF OTHER: WATER SHUT-OFF OTHER SHUT-OFF OTHER SHUT-OFF OTHER SHUT-OFF OTHER SHUT-OFF OTHER SHUT-OFF OTHER
NAME (PLEASE PRINT) Laurie Kilbride	Permitting Supervisor
SIGNATURE NUMBER D. KUBUCH	DATE 4/19/2006
This apace for State use only) APPROVED 6 27 06	

(5/2000)

Carleve Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician
(See Instructions on Reverse Side)

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GREATER ANETH FIELD UIC WELL LIST Ratherford lease, San Juan County, Utah

			T					Surfa	ce Loc	ration	
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	_	_		NS Foot	EW Foot
Ney Lease Ivaille	Well ID	AFTNUIII	Otatus	rteg Lease #	GZLI I	Qu Z	Occ		INIO	140 7 001	L111000
RATHERFORD UNIT	11/1/2/	430371583900S1	Shut-in	14-20-603-246A	NE	SE	1	415	23F	0651FSL	3300FEL
RATHERFORD UNIT		430371638600S1	Active	14-20-603-246A	SE	SE	2	418			0510FEL
RATHERFORD UNIT		430371584100S1	Active	14-20-603-246A	SE	NE	11	418		3290FSL	4617FWL
RATHERFORD UNIT		430371584200S1	Shut-in	14-20-603-246A	SE	SE	11	418	23E	0660FSL	0558FEL
RATHERFORD UNIT		430371584300S1	Active	14-20-603-246A	NW	NW	12		23E	0678FNL	4620FEL
			Active	14-20-603-246A	NW	SW	12	418		1980FSL	4620FEL
RATHERFORD UNIT	12W13 12W22	430371640400S1 430371584501S1	Active	14-20-603-246A	SE	NW	12	415		1920FNL	2080FWL
RATHERFORD UNIT		43037311510181	Active	14-20-603-246A	SE	SW	12	418		0775FSL	1980FWL
RATHERFORD UNIT			Active	14-20-603-246A	NW	NE	12	418		0661FNL	1981FEL
	12W31	430371584700S1 430371584800S1	Active	14-20-603-246A	NW	SE	12		23E	1958FSL	3300FEL
RATHERFORD UNIT					SE	NE	12	418		3275FSL	0662FEL
RATHERFORD UNIT	12W42	430371585000S1	Active	14-20-603-246A 14-20-603-246A	SE	SE	12	415	23E	0772FSL	0807FEL
RATHERFORD UNIT	12W44A	430373154300S1	Shut-in	14-20-003-240A	ISE.	SL.	12	410	232	OTTZI SL	DOOT! LL
DATUEDEODD UNIT	40)4/44	40007044500404	A =40	44.00.000.0474	NISA/	NIVA/	12	440	225	OFOOTNI	0660FWL
RATHERFORD UNIT		430373115201S1	Active	14-20-603-247A	NW	NW	13	415		0500FNL	
RATHERFORD UNIT	13W13	430371585100S1	Active	14-20-603-247A	NW	SW	13	418	23E	1980FSL	4620FEL
RATHERFORD UNIT		430371585200S1	Active	14-20-603-247A	SE	NW	13	418			3300FEL
RATHERFORD UNIT		430371585300S1	Active	14-20-603-247A	SE	SW	13	415	4.00	0660FSL	3300FEL
RATHERFORD UNIT		430371585501S1	Active	14-20-603-247A	NW	SE	13		23E	1970FSL	1979FEL
RATHERFORD UNIT		430371585700S1	Shut-in	14-20-603-247A	SE	NE	13	418		2139FNL	0585FEL
RATHERFORD UNIT	13W44	430371640700S1	Active	14-20-603-247A	SE	SE	13	415	23E	0653FSL	0659FEL
RATHERFORD UNIT	14-31	430373171700S1	Active	14-20-603-247A	NW	NE	14		23E	0754FNL	1604FEL
RATHERFORD UNIT	14W42	430371586001S1	Active	14-20-603-247A	SE	NE	14	41S			653FEL
	24W31	430371586200S1	Shut-in	14-20-603-247A	NW	NE	24		24E	0560FNL	1830FEL
RATHERFORD UNIT	24W42	430371586300S1	Shut-in	14-20-603-247A	SE	NE	24	41S	24E	1980FNL	0660FEL
RATHERFORD UNIT		430371572601S1	Active	14-20-603-353	sw	NW	17	41S		1980FNL	510FWL
RATHERFORD UNIT	17W14	430371572700S1	Active	14-20-603-353	sw	SW	17	41S		0610FSL	0510FWL
RATHERFORD UNIT	17W21	430371641601S1	Active	14-20-603-353	NE	NW	17	418		0510FNL	1830FWL
RATHERFORD UNIT		430371572801S1	Active	14-20-603-353	NE	SW	17	418		1880FSL	1980FWL
RATHERFORD UNIT	17W32	430371572900S1	TA'd	14-20-603-353	SW	NE	17	41S	24E	1830FNL	2030FEL
RATHERFORD UNIT	17W34	430371573000S1	Active	14-20-603-353	SW	SE	17		24E	0560FSL	1880FEL
RATHERFORD UNIT	17W41	430371573100S1	Shut-in	14-20-603-353	NE	NE	17	41S	24E	0610FNL	0510FEL
RATHERFORD UNIT	17W43	430371641701S1	Active	14-20-603-353	NE	SE	17	41S	24E	1980FSL	0660FEL
RATHERFORD UNIT	18-43B	430373171801S1	Active	14-20-603-353	NE	SE	18	41S	24E	2023FSL	0651FEL
RATHERFORD UNIT	18W12	430373115301S1	Active	14-20-603-353	sw	NW	18	41S	24E	1980FNL	560FWL
RATHERFORD UNIT	18W14	430371573501S1	Active	14-20-603-353	SW	SW	18	41S	24E	0810FSL	0600FWL
RATHERFORD UNIT	18W21	430371641801S1	Active	14-20-603-353	NE	NW	18	41S	24E	660FNL	1882FWL
RATHERFORD UNIT	18W23	430373024400S1	Shut-in	14-20-603-353	NE	SW	18	418	24E	2385FSL	2040FWL
RATHERFORD UNIT		430371573601S1	Active	14-20-603-353		NE					1830FEL
RATHERFORD UNIT		430371573701S1	Active	14-20-603-353	sw	SE	18			780FSL	1860FEL
RATHERFORD UNIT		430371573800S1	TA'd	14-20-603-353	NE	NE	18				0660FEL
RATHERFORD UNIT		430371573901S1	Active	14-20-603-353	sw	NW	19				0600FWL
RATHERFORD UNIT		430371574301S1	Active	14-20-603-353	sw	NE	19				2802FEL
RATHERFORD UNIT		430371574401S1	Active	14-20-603-353	SW	SE	19				1980FEL
RATHERFORD UNIT		430371574100S1	Shut-in	14-20-603-353	NE.	NW	19			0660FNL	1860FWL
RATHERFORD UNIT		430371574200S1	Shut-in	14-20-603-353	NE	sw	19			2080FSL	1860FWL
RATHERFORD UNIT		430371642000S1	Shut-in	14-20-603-353	NE	SE	19			1980FSL	0760FEL
RATHERFORD UNIT		430371574601S1	Active	14-20-603-353	sw	NW	20				0748FEL
RATHERFORD UNIT		430371574701S1	Active	14-20-603-353	sw	sw	20			0660FSL	0660FWL
RATHERFORD UNIT		430371574701S1	Active	14-20-603-353	sw	NE	20			0037FNL	0035FWL
RATHERFORD UNIT		430371575001S1	Active	14-20-603-353	sw	SE	20			0774FNL	0617FWL
- I STATE OF THE S		430373159000S1	Active	14-20-603-353	NE	SW	20			2629FSL	1412FWL
RATHERFORD UNIT			-		NE	NW	20			0660FNL	1880FWL
RATHERFORD UNIT		430371642300S1	Active	14-20-603-353			20			2080FSL	2120FWL
RATHERFORD UNIT		430371574800S1	Active	14-20-603-353	NW	SW	20				0660FEL
RATHERFORD UNIT		430371575100S1	Active	14-20-603-353	NE	NE				2070FSL	0810FEL
RATHERFORD UNIT	20W43	430371642400S1	TA'd	14-20-603-353	NE	SE	20	1410	Z4C	ZUIUFSL	JOIN EL
10000	100000	100071550550	A -4:	144 00 000 055	CVA/	NDA/	10	140	DAE	1000ENII	0660FWL
RATHERFORD UNIT	[16W12	430371572000S1	Active	14-20-603-355	SW	NW	16	1415	24E	1880FNL	DOOOLAAF

GREATER ANETH FIELD UIC WELL LISTRatherford lease, San Juan County, Utah

				- Iulo	Surface Location						
Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
RATHERFORD UNIT	16W14	430371572100S1	Shut-in	14-20-603-355	sw	sw	16	41S		0660FSL	0660FWL
RATHERFORD UNIT	16W21	430371641400S1	Active	14-20-603-355	NE	NW	16	41S		0660FNL	1880FWL
RATHERFORD UNIT	16W23	430371572201S1	Active	14-20-603-355	NE	SW	16	41S	24E	1980FSL	1980FWL
RATHERFORD UNIT	16W43	430371641501S1	Active	14-20-603-355	NE	SE	16	41S	24E	2140FSL	0820FEL
RATHERFORD UNIT	21-14	430371575301S1	Active	14-20-603-355	sw	SW	21	41S	24E	0660FSL	0460FWL
RATHERFORD UNIT	21-67	430373175301S1	Active	14-20-603-355	NE	sw	21	41S	24E	2560FSL	1325FWL
RATHERFORD UNIT		430371642501S1	Active	14-20-603-355	NE	NW	21	41S	24E	0660FNL	2030FWL
RATHERFORD UNIT	6W14	430371598400S1	Active	14-20-603-368	NE	SE	6		24E	0660FSL	0660FWL
RATHERFORD UNIT	7W12	430371598500S1	Active	14-20-603-368	NE	SE	7	41S		2140FNL	0585FWL
RATHERFORD UNIT	7W14	430371598600S1	Active	14-20-603-368	NE	SE	7	41S	24E	1065FSL	0660FWL
RATHERFORD UNIT	7W21	430371639400S1	Active	14-20-603-368	NE	NW	7	418		0710FNL	1820FWL
RATHERFORD UNIT	7W34	430371598900S1	Active	14-20-603-368	SW	SE	7			0710FSL	2003FEL
RATHERFORD UNIT	7W43	430371639500S1	Active	14-20-603-368	NE	SE	7		24E	2110FSL	0660FEL
RATHERFORD UNIT	8W14	430371599200S1	Active	14-20-603-368	SW	NE	8	418	24E	0745FSL	0575FWL
							10	140	0.45	1000501	OCCOCE!
RATHERFORD UNIT	10W43	430371640300S1	TA'd	14-20-603-4037	NE	SE	10	41S	24E	1980FSL	0550FEL
DATUEDEODD UNIT	00.40	430371533701S1	Active	14-20-603-407	sw	NW	29	415	24E	2870FNL	1422FWL
RATHERFORD UNIT		43037153370151	Active	14-20-603-407	sw	NE	29		24E	0694FNL	0685FWL
RATHERFORD UNIT	29-32	43037164320081	Active	14-20-603-407	NE	NW	29			0667FNL	2122FWL
RATHERFORD UNIT	29W21	43037164320051	Active	14-20-603-407	NE	NE	29		_	0557FNL	0591FEL
RATHERFORD UNIT		430371643300S1	Shut-in	14-20-603-407	NE	SE	29	41S	24E	1980FSL	0660FEL
RATHERFORD UNIT			Shut-in	14-20-603-407	NE	NE	30	418	24E	0660FNL	0660FEL
RATHERFORD UNIT	30W41	430371534300S1	Jonus-III	14-20-003-407	INC	111	130	7.0		55001 IVE	55001 EE
RATHERFORD UNIT	28-12	430371533601S1	Active	14-20-603-409	sw	SE	28	41\$	24E	2121FNL	0623FWL
RATHERFORD UNIT	28W21	430371643100S1	Shut-in	14-20-603-409	NE	NW	28	41S	24E	0660FNL	2022FWL
TO THE THE OTTE ONLY		1	-								
RATHERFORD UNIT	9W23	430371639800S1	Active	14-20-603-5046	NW	SE	9	41S	24E	1980FSL	1980FWL

Sundry Number: 52040 API Well Number: 43037159890000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

	FORM 9							
	5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-368							
SUNDF	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO							
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME: RATHERFORD					
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: 7-34					
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOL	IRCES		9. API NUMBER: 43037159890000					
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950,	Denver, CO, 80202 36	PHONE NUMBER: 03 534-4600 Ext	9. FIELD and POOL or WILDCAT: GREATER ANETH					
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0710 FSL 2003 FEL			COUNTY: SAN JUAN					
QTR/QTR, SECTION, TOWNSI Qtr/Qtr: SWSE Section: (HIP, RANGE, MERIDIAN: D7 Township: 41.0S Range: 24.0E Merid	lian: S	STATE: UTAH					
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA					
TYPE OF SUBMISSION		TYPE OF ACTION						
✓ NOTICE OF INTENT	✓ ACIDIZE	ALTER CASING	CASING REPAIR					
Approximate date work will start: 6/9/2014	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME					
0/9/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE					
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION					
	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK					
 	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION					
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON					
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL					
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION					
Report Date.	WILDCAT WELL DETERMINATION	OTHER	OTHER:					
l .	 COMPLETED OPERATIONS. Clearly show SOURCES RESPECTFULLY SUBMITS							
	ze the above well. Attached schematic		Utah Division of Oil, Gas and Mining June 17, 2014					
			Date:					
			By: Dor K Out					
NAME (PLEASE PRINT)	PHONE NUMB							
Erin Joseph	303 573-4886	Sr. Regulatory Analyst						
SIGNATURE N/A		DATE 6/9/2014						

Sundry Number: 52040 API Well Number: 43037159890000



RU 7W-34 Coil Tubing Clean Out & Acidize

Procedure

1. LOTO Injection Lines at wellhead, on main isolation valves, and CP Panel.

NOTE: Last wellwork record in the wellfile was Jan 1996; State of UT file showed 5/10/2001 workover, but no bha depths other than pkr depth.

- 2. MI spot CTU, pump unit, rig pit, install hard line and choke manifold.
- 3. RU CTU with 1.25 inch coil, 1.25 Vortec washtool.
- 4. Test lubricator and BOP's to 4500 psig.

Minimum ID @ 1.43 'R 'profile @ ~5703' KB' (1.39 no-go).

- 5. RIH with CTU, establish circulation; clean out fill to PBTD at 5930' KB; Take solids samples for analysis. After reaching PBTD, circ well bore clean.
- 6. POOH & load coil with 7 drums (385 gal) xylene or alternate solvent; Prepare to acidize behind the solvent with 2500 gal inhibited 20% HCl.
- 7. Spot coil at btm perf 5903' & begin solvent at .5 bpm, move CT up & down thru perfs (top perf 5840') twice while pumping solvent, then shut down for 30 min soak when acid is at the tip of the coil, & coil at btm perf. Coil speed of 13.8 fpm required at 0.5 bpm.
- 8. Pump the acid while again making two trips up and down through the perfs w/the coil.
- 9. PU to ~5800' and overdisplace acid past btm perf at 5903' by 25 bbls fresh water.
- 10. POOH with coil tubing.
- 11. RD CTU and stimulation equipment. Release equipment.
- 12. Backflow lateral line for cleanup.
- 13. Advise Pierce Benally (435) 619-7234 the well is ready to return to injection.

Sundry Number: 52040 API Well Number: 43037159890000

